PERGE

Boilers and heat pumps

Committed to the ecological transition

2023 - 2024

Public price excluding tax
from april 1, 2023 to march 31, 2024

20/07/2023 Edition

A french company on a human scale

PERGE, heat pumps, log, pellet and bio-oil boilers manufacturer is a french company on a human scale founded in 1971. It is based at Portes-Lès-Valence in the Drôme region, on a site that gathers research centre, a production unit, a logistics platform and an approved training centre for heating professionals.

PERGE is a specialist in heating individual homes in territories, and offers a wide range of log, pellet, bio-oil, dual-energy boilers and combined log/bio-oil, log/pellet, solar/bio-oil, solar/log and solar/pellet solutions, as well as air/water heat pumps and hybrid heat pumps.

Present troughout France and in the UK, Belgium, Spain and Italy, PERGE relies on a heating professionals network.

Useful contacts

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For spare parts references (reference numbers, prices and exploded views) and products manuals :
www.perge.com - "**Parts & Manuals**" section.

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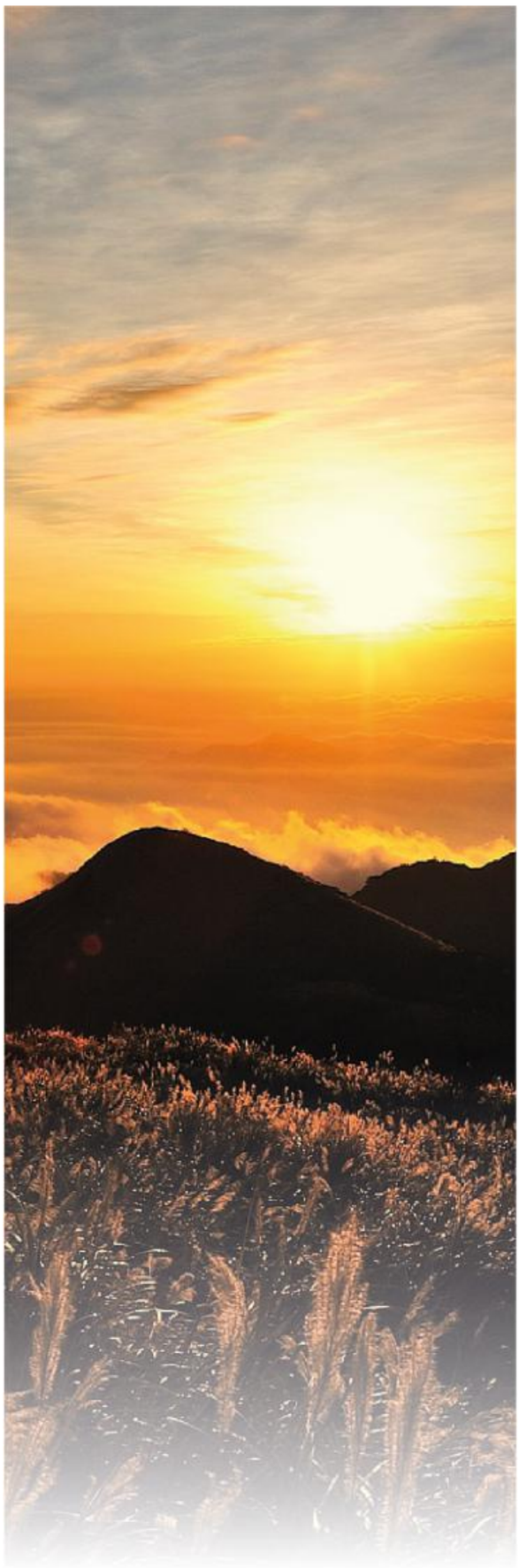


New features in 2023-2024 catalogue

Expansion of Porte-Lès-Valence production site by 2,500 m²

PERGE has just completed work on a 2,500m² extension to its factory. This extension, which complements the existing 7500m² factory, will increase production capacity and meet the growing demand from our customers. The building will be equipped with modern equipment and facilities to ensure more efficient and faster production.

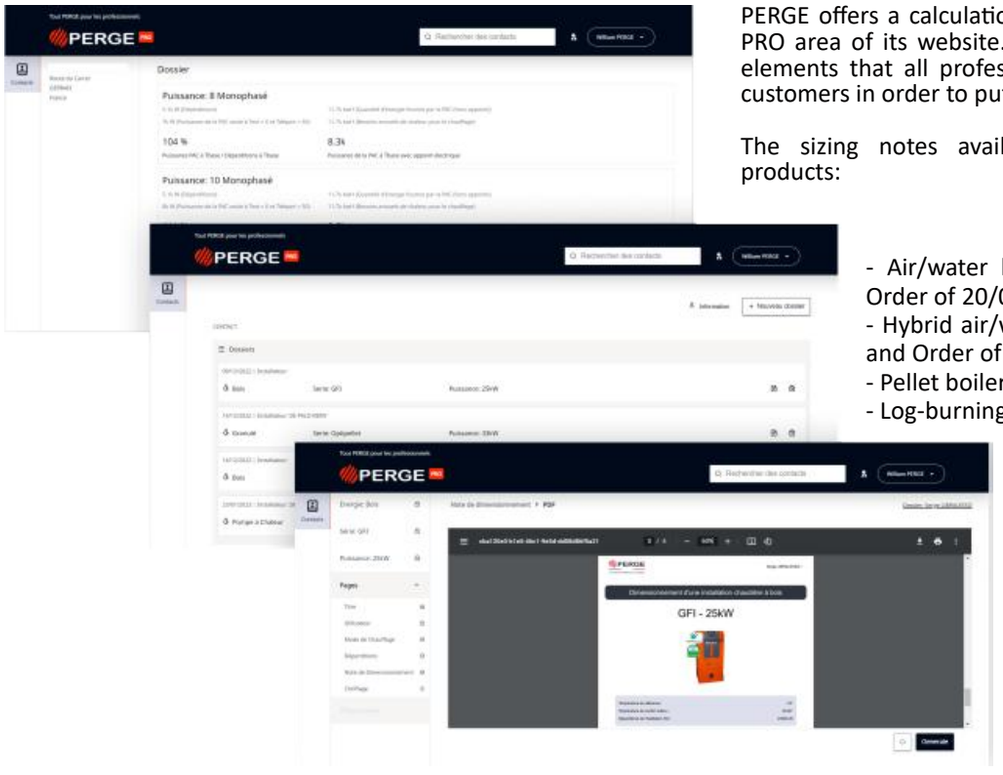
Commited to environmental protection and sustainable development, PERGE is taking advantage of this 2,500m² extension to install a photovoltaic solar power plant covering the entire surface area of the extension. This will make it possible to self-generate the company's entire annual electricity consumption, without releasing any CO2 into atmosphere.

In addition, since the end of 2021, PERGE has been welcoming heating professionals to its Qualiopi-certified training centre in Portes-Lès-Valence. Qualifying training courses are provided such as : QaliBois vecteur eau, QualiPac, Quali PV, as well as training courses on PERGE products focusing on discovery of their technology, installation, commissioning and troubleshooting.

Qualiopi processus certifié
RÉPUBLIQUE FRANÇAISE

PERGE Formation

Sizing notes available online at ndd.perge.com



PERGE offers a calculation and sizing note tool on the PRO area of its website. This document is one of the elements that all professionals must provide to their customers in order to put together an aid application.

The sizing notes available concern the following products:

- Air/water heat pump (BAR-TH 104 and Order of 20/07/2022)
- Hybrid air/water heat pump (BAR-TH 159 and Order of 20/07/2022)
- Pellet boiler (BAR-TH 113)
- Log-burning boiler (BAR-TH 113)

New in the 2023 - 2024 catalog

OptiPac MR32 : a complete range of heat pumps and hybrid heat pumps

First-class performance in the service of the environment

OptiPac MR32 is available in 7 single-phase outputs (from 4 to 16 kW) and 3 three-phase outputs (from 12 to 16 kW).

Numerous installation solutions are possible:
- Heat pump without indoor unit
- Heat pump with indoor unit, with or without integrated domestic hot water production
- Hybrid oil or gas heat pumps, with or without integrated domestic hot water production
- Coupled with an existing gas, oil, pellet or log boiler.

Heat pump without indoor unit | *Heat pump with indoor unit* | *Heat pump with indoor unit + integrated DHW* | *Heating-only hybrid heat pump* | *Hybrid heat pump + DHW*

Optitherm Duo : very compact biofuel boilers up to 256 kW

Optitherm Duo is a set of 2 biofuel boilers stacked on top of each other in a single 60 cm-wide casing.
The boilers that make up the set are available in 24 and 32 kW outputs.
Optitherm Duo boilers are available in 48, 56 and 64 kW outputs.

Designed to work up to 100% plant based biofuel or 100% hydrotreated vegetable oil

Optitherm Duo : easy installation and operation

Optitherm Duo, like all PERGE biofuel boilers, is equipped with the Stoptherm system, which enables operation without return temperature limitation and without the need for a mixing valve. Direct connection of the heating circuits to the boiler makes installation much simpler.

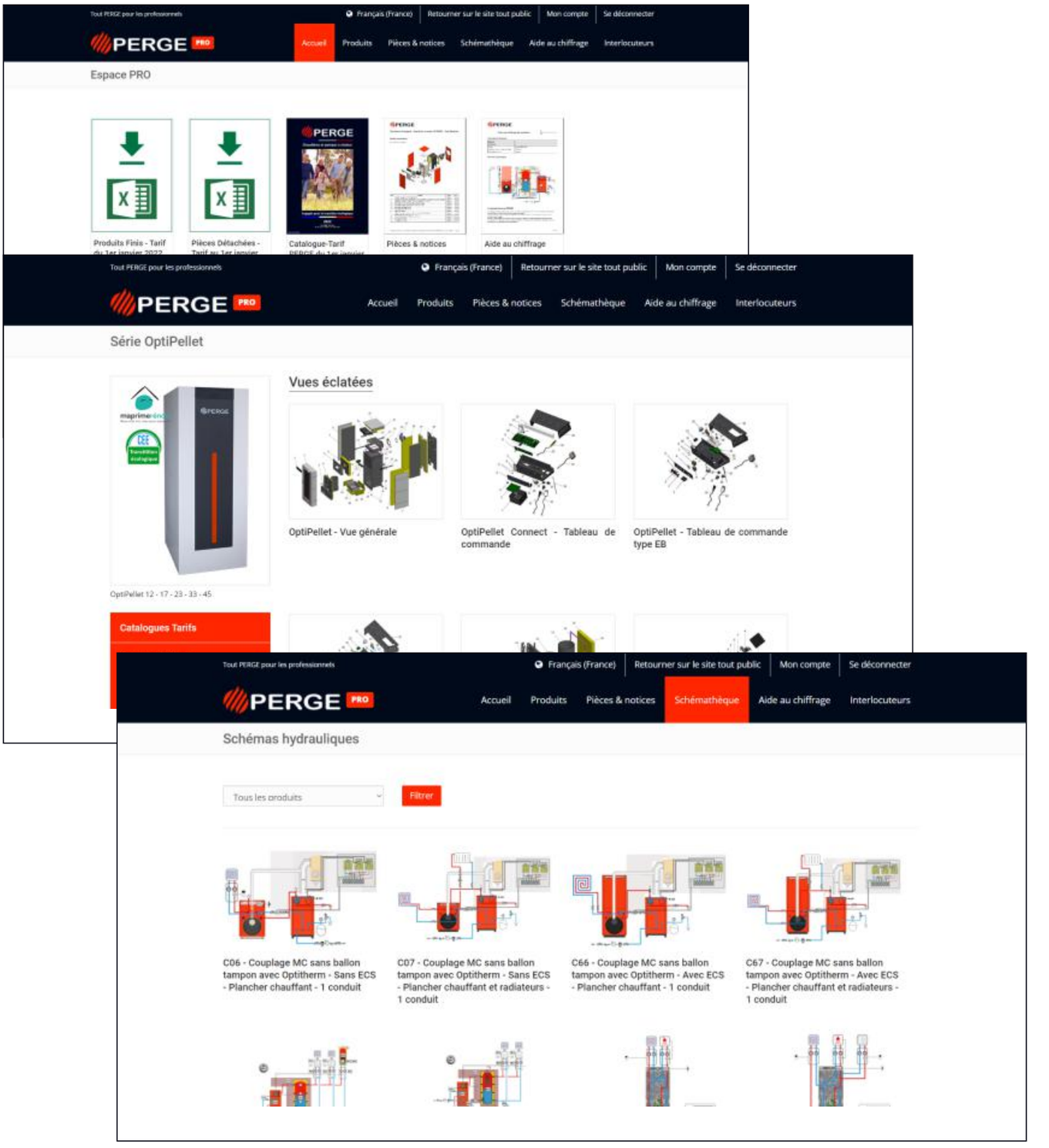
Optitherm Duo can be fitted with the RTE3 climate control with burner action for total modulation of the output delivered to the water.

The control board is equipped with heating inputs and DHW, enabling data to be retrieved from an existing control system.

Optitherm Duo : cascade installation

For even greater flexibility, an Optitherm Duo cascade can be managed with up to 8 cascade levels.
One level can control an Optitherm Duo or a boiler within an Optitherm Duo.

PRO Area : Register and access a wide range of services

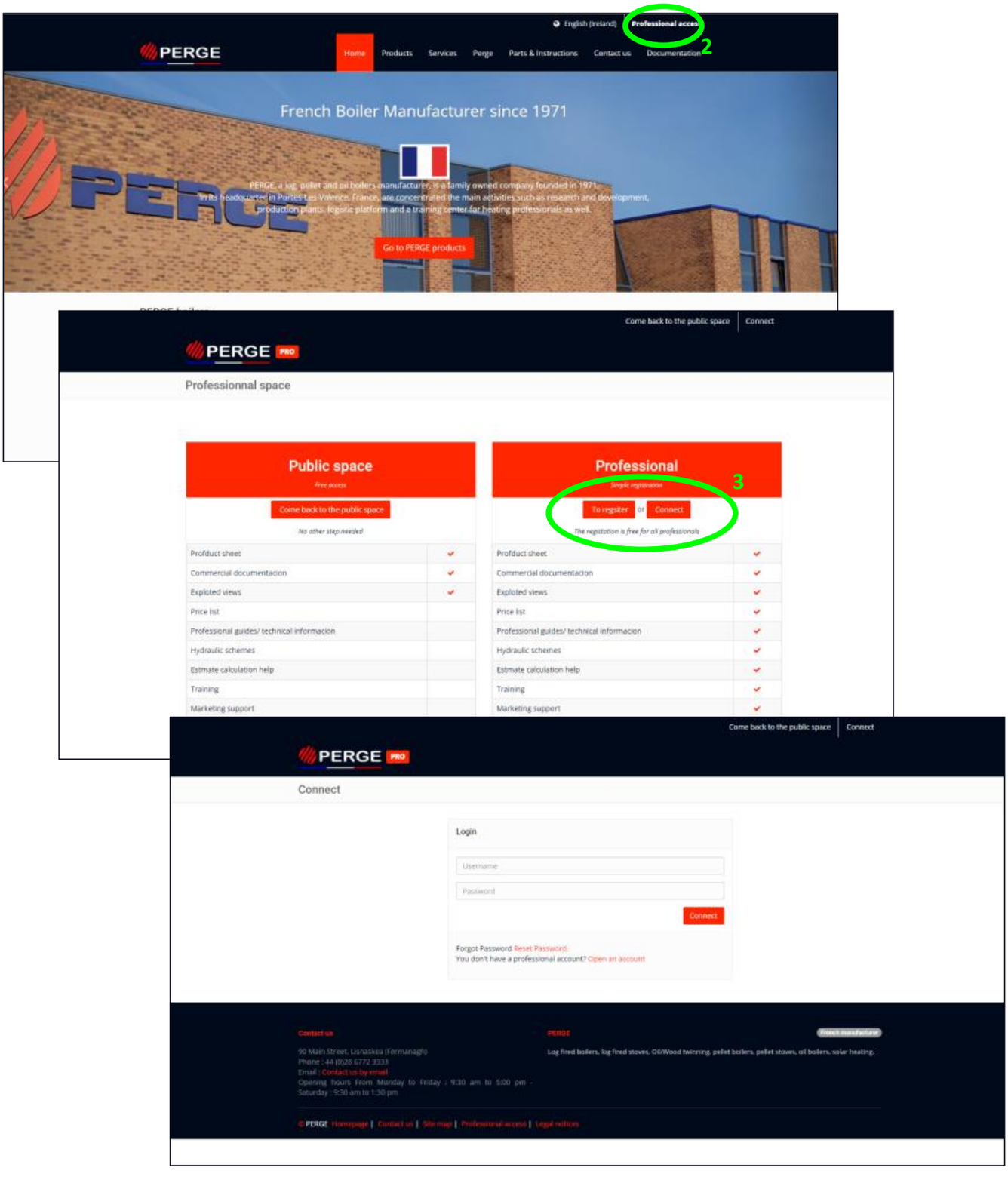


Available online :

- current catalog price
- current spare parts prices
- exploded views with part numbers and prices
- manuals for all products, old and new
- numerous configurations to help you with costing and installation diagrams

PRO Area : Register and access a wide range of services

1 - Log on to **www.perge.com**
2 - Select the "**Professional access**" section. Registration is free for professionals.
3 - When you log in for the first time, choose "**Register**" to create your PRO Area account. You can then choose "**Login**".



Warranties

The warranty on our equipment is subject to the following conditions:

After commissioning :

- The Warranty Form must be returned to us duly completed and signed by all parties (User, Installer, Commissioning).
- It must be accompanied by the technical values required for each product. These values can be sent to us by means of the combustion analyzer ticket or a date-stamped photo of the analyzer.

After annual maintenance:

- The same technical values required according to the products must be sent to us in the same form as stipulated above.

- This enables us to provide the best possible service for our products.

- The warranty periods are as follows :

Heat pumps and hybrid heat pumps OptiPac MR32	Duration
Outdoor unit :	
Compressor	3 years
Heat pump electronic boards	2 years
Other heat pump equipment	3 years
Heat pump indoor unit :	
Electrical and electronic equipment	2 years
Hybrid heat pump indoor unit :	
Heating body	3 years or 10 years
Burner	2 years
Electrical and electronic equipment	2 years

Optitherm oil and gas boilers - OptiCondens	Duration
Heating body	3 years or 10 years
DHW tank	3 years
Condenser	3 years
Burner	2 years
Electrical and electronic equipment	2 years

Pellet boilers OptiPellet	Duration
Heating body	3 years or 10 years
Electrical and electronic equipment	2 years
Igniter	1 years
Other equipment	2 years

Log-burning boiler GFI	Duration
Heating body	3 years
Electrical and electronic equipment	2 years

MC Classic log-burning boiler - MC CI	Duration
Heating body	3 years
DHW tank MC CI	3 years
Anti-boiling exchanger / Draught regulator	2 years

Solar	Duration
Sensor	10 years
Hydro accumulator tank	3 years
Electrical and electronic accessories	2 years

Buffer tanks and DHW tanks	Duration
Tank	3 years
Electrical accessories	2 years

The warranty period for the heating body of Optitherm, OptiCondens and OptiPellet boilers, as well as for the heating body integrated into OptiPac hybrid modules, against any risk of corrosion or leaks, is extended from 3 years to 10 years, at no additional cost to the user, under the following exclusive conditions:

1 - Return the warranty form, checking off the 10-year period, duly completed and signed, with a copy of the commissioning sheet, within 30 days of installation, so that we can register and take into account the 10-year warranty.

2 - Have your boiler serviced every year, and keep the invoice from the qualified professional who performed the service. For the 10-year warranty to be valid, boiler maintenance must be carried out in the first year, and then every year without interruption for the 10-year period.

3 - Keep the invoices for these annual interventions as supporting documents.

Practical advice

Receipt of goods

It is the customer's responsibility to check that the equipment received is in good condition.
If the condition of the equipment received is not in conformity, our customer must make transport reservations as described in article 3.6 of our General Sales Conditions.
We advise you to make precise reservations on the transport note (e.g.: "scratch on right panel" and not "subject to unpacking") and then to inform us by sending a copy of the transport note on which the reservations appear, by fax to 04 75 57 24 91 or by e-mail to commercial@perge.fr.

PERGE's values

The regional values that guide us

These are the values of the territories that found our company and guide our strategy : the simplicity of human relations, robustness, a sense of commitment, honest work and trust.

We offer :
- heating solutions that combines energy sources thereby promoting a degree of energy autonomy .
- environmentally-friendly heating solutions
- high-efficiency french boilers, heat pumps, hybrid heat pumps that are simple, robust, economical, for all budgets.
- product robustness and reparability as principle
- a clear and accessible offering
- efficient, human-scale, in partnership with a network of reliable, professional plumbing and heating installers.

An innovation that favours naturl laws of hydraulics and combustion

We favour functional innovations that use the natural laws of hydraulics such as thermosiphon. As a result, modulating the power does not require complex electronic solutions. Our hydraulics can supply two circuits at different temperatures without additional accessories which simplifies installation and reduce costs.

These are environmentally-friendly innovations that reply at the most stringent requirements in terms of efficiency and NOx emissions, with class 5 biomass boilers that comply with 7-star green flame standard, Eco Conception-certified biofuel boilers, heat pumps and hybrid heat pumps with class 7 controllers.

Water/air heat pumps monobloc R32

A cost-effective, environmentally-friendly solution for new or renovated homes

- Medium-temperature air/water heat pumps
- A highly efficient range (up to A+++)
- Very low sound pressure levels (from 31 dB at 5 metres)
- Outdoor temperature controller
- Installation with or without indoor unit
- 3 services : heating, cooling and domestic hot water

Heat Pump | **HP + Indoor units**

✓ = Factory-fitted ○ = Optional — = Not applicable

Range	OptiPac M32 -R	OptiPac M32 C-R	OptiPac M32 B150-R
Page	**17**	**18**	**19**
Heat Pumps Type	Medium temperature	Medium temperature	Medium temperature
Cooler	R32	R32	R32
Services : Heating	✓	✓	✓
Cooling	✓	✓	✓
Domestic hot water	○	○	✓
HP Output at 7°/35° (kW) : Single-phase	4 - 6 - 8 - 10 - 12 - 14 - 16	4 - 6 - 8 - 10 - 12 - 14 - 16	4 - 6 - 8 - 10 - 12 - 14 - 16
Three-phase	12 - 14 - 16	12 - 14 - 16	12 - 14 - 16
Back-up energy	Electricity	Electricity	Electricity
Back-up output (kW)	3 (single) ou 3x3 (three)	3 (single) ou 3x3 (three)	3 (single) ou 3x3 (three)
Heating Energy Efficiency Class	up to A+++	up to A+++	up to A+++
Controller : With outdoor sensor	✓	✓	✓
: With room compensation sensor	—	—	—
: With room thermostat	○	○	○
Controller class	○ (IV)	○ (IV)	○ (IV)
MyPerge Application for Smartphone (Android or iOS) Locally via Bluetooth - Remotely via internet	—	—	—
Smoke extraction : Chimney	—	—	—
Room sealed	—	—	—
Stored DHW : Internal 150L Stainless steel	—	—	✓
: External	○	○	—
Water tank type : 150L / 200L / 300L - Standard Exchanger	○	○	—
: 200 L / 300 L - Integral Exchanger HP	○	○	—

A solution for large heating requirements that protects the environment with the security of 2 energies

- Medium-temperature air/water heat pump
- A high-performance range (up to A++)
- Class VII connected controller
- Oil/Biofuel or natural gas/propane back-up
- Chimney or room sealed connection

Hybrid biofuel Heat Pump		Hybrid gas Heat Pump	
			
OptiPac C-F30RC7	**OptiPac B150-F30RC7**	**OptiPac C-GRC7**	**OptiPac B150-GRC7**
20	**21**	**22**	**23**
Medium temperature	Medium temperature	Medium temperature	Medium temperature
R32	R32	R32	R32
✓	✓	✓	✓
—	—	—	—
○	✓	○	✓
8 - 10 - 12 - 14 - 16	8 - 10 - 12 - 14 - 16	8 - 10 - 12 - 14 - 16	8 - 10 - 12 - 14 - 16
12 - 14 - 16	12 - 14 - 16	12 - 14 - 16	12 - 14 - 16
Oil or Bio-oil	Oil or Bio-oil	Natural gas or propane	Natural gas or propane
24 - 32	24 - 32	24 - 32	24 - 32
up to A++	up to A++	up to A++	up to A++
✓	✓	✓	✓
✓	✓	✓	✓
—	—	—	—
✓ (VII)	✓ (VII)	✓ (VII)	✓ (VII)
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
—	✓	—	✓
○	—	○	—
○	○	○	—
○	○	○	—

More information on OptiPac MR32

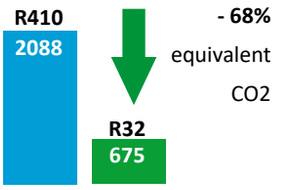
Top-class performance

COP up to **5,01**

Quiet operation

31 dB

Respectful for the environment



SMART Function

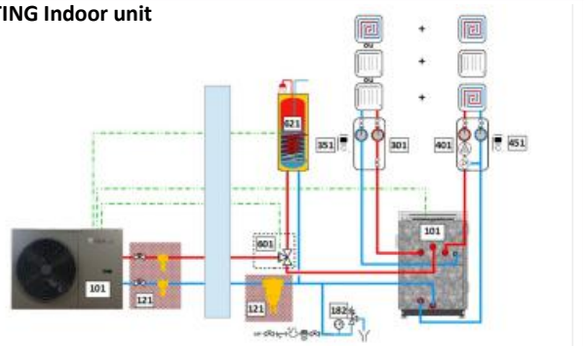
SMART

Force the operation of the heat pump when free energy is available (e.g. self-consumption photovoltaic cells)

OptiPac MR32 : numerous installation solutions with or without a PERGE indoor unit

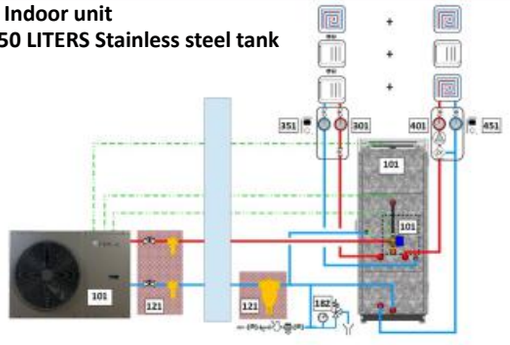
WITH PERGE indoor unit

HEATING Indoor unit



This solution can operate at any flow rate. It's easy to install thanks to factory pre-assembly. It can also be used to provide domestic hot water with an external DHW cylinder, whether existing or new.

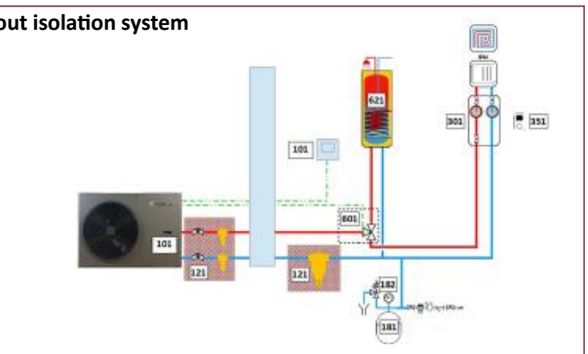
HEATING Indoor unit
+ DHW 150 LITERS Stainless steel tank



This solution can operate at any flow rate. It's easy to install thanks to factory pre-assembly. A 150-liter stainless steel hot water tank is integrated and factory-fitted.

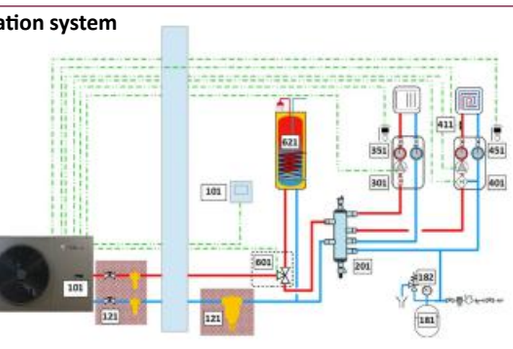
WITHOUT PERGE indoor unit

without isolation system



This is the most economical solution. However, that this solution is only possible if the system flow rate is always greater than 10 litres/minute, i.e. 600 litres/hour.

with isolation system

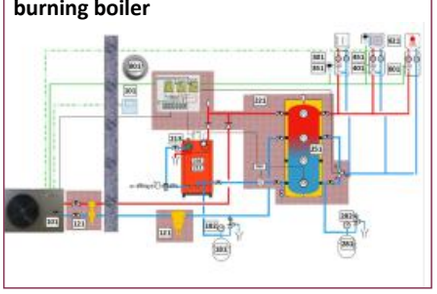


This solution can operate at any flow rate. It remains relatively economical for simple configurations.

Can be coupled to an existing boiler

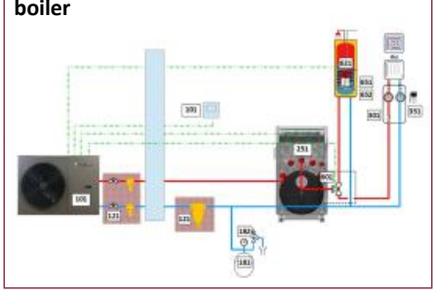
OptiPac MR32 heat pumps can be coupled with an existing boiler. Numerous configurations are possible.
These include the following :

Coupling with a PERGE MC Classic log burning boiler



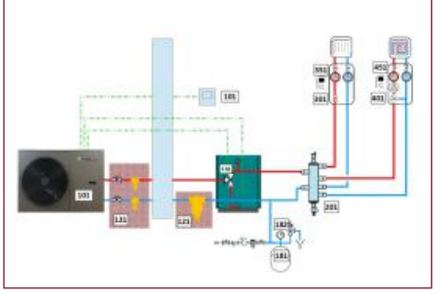
More than 60,000 PERGE MC log burning boilers are installed in France. They can be coupled with the OptiPac MR32.

Coupling with a PERGE Optitherm biofuel boiler



Thanks to the innovative hydraulics in PERGE Optitherm boilers for over 30 years, the coupling with the OptiPac MR32 requires no isolation system.

Coupling with another brand of oil boiler



Can be coupled with any boiler on the market. This solution can also be implemented with a gas boiler.

More information on hybrid OptiPac MR32

The hybrid heat pump : the solution combining economy, power, comfort and safety

In situations where heating requirements are high and installation constraints are significant (space, flue), the hybrid heat pump is the ideal heating solution, combining economy, power, comfort and safety.

- The heat pump is designed to satisfy heating needs alone as long as the outdoor temperature is higher than the bivalence temperature (around 0°C). In this phase, the user benefits from the very good COP (Coefficient of Performance) of the device and makes real savings in consumption.
- Savings are also made on the heat pump itself, which does not need to be sized to provide all the heating needs.
- Finally, if you use back-up energy (oil or gas), the cost is lower than using electricity.
- Back-up is provided by a boiler (oil or gas) with a minimum output of 24 kW.
- This additional power is provided without the need to increase the electric power contract.
- There is no loss of power as outdoor temperatures fall, for the greatest comfort of the user.
- The user can rely on the other energy source.

Remote piloting with RC7, Class VII controller, and the MyPerge application

RC7 Inside

Available on the Google Play

Download on the App Store

Piloting by smartphone with the MyPerge application (Android or iOS) is done locally via **Bluetooth** or the **internet**, or remotely via the **internet**. **Data exchanges are encrypted** for greater security.

2 levels of access are proposed: User and Professional.

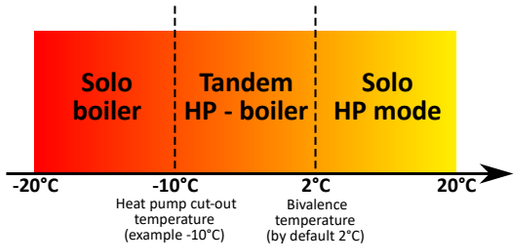
PERGE's hybrid technology: 3 operating modes

The technology of PERGE heat pumps and PERGE OptiPac hybrid heat pumps is based on an innovative hydraulic design. It enables each of the generators to run, alone or together, under the most favourable conditions, automatically and without intervention.

- "Solo heat pump" mode: Only the heat pump works. Thanks to its very high COP, the heat is produced with unrivalled competitiveness.

- "Tandem Heat pump-Boiler" mode: The heat pump delivers its full power under very favourable COP conditions. The boiler only provides the additional power required.

- "Solo boiler" mode. The heat pump's COP is too low to provide competitive heat. Only the boiler works.



Designation	RC7 Controller
Supply voltage	230 Vac +- 10% 50 Hz
Energy consumption	7 VA
Protection fuse	400 mA
Operating temperature conditions	0°C à 50°C
Storage and transport temperature conditions	-10°C à 60°C
Humidity conditions in operation	80% (no condensation)
CE Directives	
This product has been designed to comply with European Directives	LVD 2006/95/EC CEM 2014/30/EC RoHS 2011/65/EU
Product conforms to	**UE 811/2013 et 2013/30/UE**
Classification	**VII**
Contribution	**(3,5%)**

OptiPac MR32

Technical specifications and dimensions

Models	Single-phase							Three-phase		
	4	6	8	10	12	14	16	12 Tri	14 Tri	16 Tri
Electric connections										
Power supply, number of phases	1 Ph+N							3 Ph+N		
Supply voltage	230V - 50Hz							400V - 50Hz		
a) Hybrid heat pump outdoor unit										
Absorbed current (A)	11	13	16	19	24	26	28	10	11	12
Protection (A Curve D)	16	16	20	25	32	32	32	16	16	16
Power supply cables	3G2,5mm2	3G2,5mm2	3G2,5mm2	3G4mm2	3G6mm2	3G6mm2	3G6mm2	5G2,5 mm2	5G2,5mm2	5G2,5mm2
b) Heat pump outdoor unit with electric back-up										
Absorbed current (A)	25	27	30	33	38	40	42	24	25	26
Protection (A Curve D)	32	32	32	40	40	45	45	32	32	32
Power supply cables	3G6mm2	3G6mm2	3G6mm2	3G10mm2	3G10mm2	3G10mm2	3G10mm2	5G6mm2	5G6mm2	5G6mm2
Back-up electrical output (kW)	3							3 x 3		
Dimensions and weights										
a) Packages on pallet										
H (mm)	965	965	965	1082	1082	1140	1140	1082	1140	1140
W (mm)	1200	1200	1200	1260	1260	1285	1285	1260	1285	1285
D (mm)	425	425	425	488	488	495	495	488	495	495
Weight (kg)	91	93	93	108	117	136	136	126	150	150
b) Device										
H (mm)	702	702	702	800	800	860	860	800	860	860
W (mm)	1143	1143	1143	1158	1158	1217	1217	1158	1217	1217
D (mm)	397	397	397	423	423	455	455	423	455	455
Weight (kg)	76	78	80	93	97	117	117	109	131	131
Refrigerant										
Refrigerant type	R32									
Refrigerant weight (kg)	1,05	1,20	1,30	1,50	1,75	2,10	2,10	1,75	2,10	2,10
Hydraulics										
Hydraulics connections	Flow - Return Heating : 1" M									
Maximum operating pressure (bar)	3									
Expansion vessel volume (l)	5									
Safety valve calibration pressure (bar)	3									
Min. flow rate without buffer volume (l/h)	600 l/h									
Minimum volume in case of buffer (l)	25	25	25	25	40	40	40	40	40	40
Operating range										
Heating - T° water (°C)	+12° / +65°									
Cooling - T° water (°C)	+5° / +25°									
Heating - T° outdoor (°C)	-25° / +35°									
Cooling - T° outdoor (°C)	-5° / +43°									
DWH mode - T° outdoor (°C)	-25° / +43°									
Performances										
Seasonal Energy Efficiency - Heating (35°)	185	178	177	187	184	180	179	184	178	180
Energy Class - Heating (35°)	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
Seasonal Energy Efficiency - Heating (55°)	133	130	126	136	137	129	131	137	133	132
Energy Class - Heating (55°)	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++
Acoustic pressure at 5 m (dB)	31	33	34	35	39	40	43	39	40	43

Air/Water Heat pumps without indoor unit

OptiPac MR32-R

Heating | Cooling | DHW

Heat pump : 4 à 16 kW
Back-up : 3 kW or 3x3 kW

ENERGIE A+++ | R32

Details	Designation OptiPac MR32	Heat pump kW	Power supply	SEER	Ref	€ Excl. tax
Outdoor unit including : - R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger. - Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter. - Back-up electric heating element (3 kW single, 3x3 kW three) - Easy-access connection box - DHW sensor - Anti-frost heating cord in condensate tray **Indoor controller with touchscreen :** - Modification/Visualisation of installation parameters - Integrated room sensor - Daily/weekly programming. - Holiday function. - Error code display - Supplied with a 20-metre cable for connection to the outdoor unit **Packing**: 1 x Outdoor unit 1 x Wired regulator	**Delivered with internal regulator**					
	4 Mono -R	**4**	**Single**	**185**	**920 020**	**3 279**
	6 Mono -R	**6**	**Single**	**178**	**920 021**	**3 560**
	8 Mono -R	**8**	**Single**	**177**	**920 022**	**3 968**
	10 Mono -R	**10**	**Single**	**187**	**920 023**	**4 577**
	12 Mono -R	**12**	**Single**	**184**	**920 024**	**5 358**
	14 Mono -R	**14**	**Single**	**180**	**920 025**	**6 264**
	16 Mono -R	**16**	**Single**	**179**	**920 026**	**6 566**
	12 Tri -R	**12**	**Three**	**184**	**920 027**	**5 962**
	14 Tri -R	**14**	**Three**	**178**	**920 028**	**6 792**
	16 Tri -R	**16**	**Three**	**180**	**920 029**	**7 245**

All these models - Eco-participation not included : 5,00 €

OptiPac MR32 -R : Required accessories

Designation	Details	Ref	€ Excl. tax
EU protection kit	Outdoor unit protection kit including 2 x 1" male anti-freeze safety valves, 2 x shut-off valves and a sludge separator with magnetic filter.	**900 639**	**427**
Zone valve	Zone valve (required for DHW production)	**990 839**	**164**

OptiPac MR32 -R : Specific optional equipment

Designation		Details	Ref	€ Excl. tax
Pressure valve with manometer		Pressure valve with manometer	**900 404**	**22**
Expansion vessel	**18 litres** **24 litres** **35 litres**	Nitrogen pressure expansion vessel pre-charged to 1.5 bar. Wall installation. Connection: 3/4'' M. Maximum operating temperature: 99°C	**900 370** **900 365** **900 366**	**53** **63** **105**
Potence PSRV		Connecting bracket with water supply, including removable drain with valve, pressure gauge valve, connection with valve for wall expansion vessel up to 35 litres.	**900 564**	**94**
PE 150/1S **PE 200/1S** **PE 200/1SPac** **PE 300/1SPac**		Enamelled domestic hot water cylinder. Maximum operating pressure for primary circuit: 3 bar Maximum operating pressure for domestic circuit: 7 bar Maximum operating temperature: 95°C	**900 479** **900 475** **918 003** **918 004**	**1 386** **1 523** **1 670** **2 470**
BD 25 **BD 50**		25 or 50 litre isolation system, with 4 tappings, bleeding and draining.	**900 701** **900 702**	**493** **747**

Air/Water Heat pumps with indoor unit

OptiPac MR32 C-R

Heating

Cooling

DHW

kW

Heat pump : 4 à 16 kW
Back-up : 3 kW ou 3x3 kW

ENERGIE A+++

R32

Details	Designation OptiPac MR32	Heat pump kW	Power supply	Seer	Ref	€ Excl. tax
Outdoor unit including : - R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger. - Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter. - Back-up electric heating element (3 kW single, 3x3 kW three) - Easy-access connection box - DHW sensor - Anti-frost heating cord in condensate tray **Indoor unit including :** - Touch-screen controller with 20-metre cable for connection to outdoor unit (modification/viewing of outdoor unit operating parameters, error code display) - 80-litre primary water volume - 14-litre expansion vessel - Circulating pump circuit n°1 - Pre-wired electrical terminal block (power supply, 2nd circulating pump, room thermostat, underfloor heating safety system) **Packing :** 1 x Outdoor unit 1 x Indoor unit C	**4 Mono C-R**	**4**	**Single**	**185**	**920 040**	**4 979**
	6 Mono C-R	**6**	**Single**	**178**	**920 041**	**5 260**
	8 Mono C-R	**8**	**Single**	**177**	**920 042**	**5 668**
	10 Mono C-R	**10**	**Single**	**187**	**920 043**	**6 277**
	12 Mono C-R	**12**	**Single**	**184**	**920 044**	**7 058**
	14 Mono C-R	**14**	**Single**	**180**	**920 045**	**7 964**
	16 Mono C-R	**16**	**Single**	**179**	**920 046**	**8 266**
	12 Tri C-R	**12**	**Three**	**184**	**920 047**	**7 662**
	14 Tri C-R	**14**	**Three**	**178**	**920 048**	**8 492**
	16 Tri C-R	**16**	**Three**	**180**	**920 049**	**8 945**

All these models - Eco-participation not included: € 5.00

Maximum water volume covered by expansion vessels supplied, depending on installation height

Height	Floor heating	Rad
3	**1163**	**663**
6	**1018**	**580**
9	**872**	**497**

OptiPac MR32 -R : Required accessories

Designation	Details	Ref	€ Excl. tax
EU protection kit	Outdoor unit protection kit including 2 x 1" male anti-freeze safety valves, 2 x shut-off valves and a mud pot with magnetic filter.	**900 639**	**427**
Zone valve	Zone valve (required for DHW production)	**990 839**	**164**

OptiPac MR32 -R : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
MHS	Hydraulic module without circulating pump	**900 445**	**270**
MHS-FM	Hydraulic module without circulating pump + magnetic filter	**900 499**	**410**
MHD	Direct hydraulic module	**900 420**	**407**
MHD-FM	Direct hydraulic module + magnetic filter	**900 494**	**538**
MH2X	Hydraulic module with Duotherm	**900 493**	**523**
MH2X-FM	Hydraulic module with Duotherm + magnetic filter	**900 616**	**663**
TH4-F	Class IV wired TA with weekly programming. Possible action on circulating pump or burner.	**900 470**	**61**
TH4-R	Class IV radio TA including a weekly-programmable transmitter and a compact 868 MHz receiver. Can be operated on circulating pump or burner circulateur ou brûleur.	**900 471**	**164**
Pressure valve with manometer	**Pressure valve with manometer**	**900 404**	**22**
DP	DHW tank (see page 73)		

Air/Water Heat pumps with indoor unit + DHW

OptiPac MR32 B150-R

Heating

Cooling

DHW

kW

Heat pump : 4 à 16 kW
Back-up : 3 kW ou 3x3 kW

ENERGIE A+++

R32

Details	Designation OptiPac MR32	Heat pump kW	Power supply	Seer	Ref	€ Excl. tax
Outdoor unit including : - R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger. - Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter. - Back-up electric heating element (3 kW single, 3x3 kW three) - Easy-access connection box - DHW sensor - Anti-frost heating cord in condensate tray **Indoor unit including :** - Touch-screen controller with 20-metre cable for connection to outdoor unit (modification/viewing of outdoor unit operating parameters, error code display) - 80-litre primary water volume - 14-litre expansion vessel - Circulating pump circuit n°1 - Pre-wired electrical terminal block (power supply, 2nd circulating pump, room thermostat, underfloor heating safety system) - 150-litre stainless steel hot water cylinder - Zone valve for DHW priority **Packing :** 1 x Outdoor unit 1 x Indoor unit B150	**4 Mono B150-R**	**4**	**Single**	**185**	**920 060**	**6 579**
	6 Mono B150-R	**6**	**Single**	**178**	**920 061**	**6 860**
	8 Mono B150-R	**8**	**Single**	**177**	**920 062**	**7 268**
	10 Mono B150-R	**10**	**Single**	**187**	**920 063**	**7 877**
	12 Mono B150-R	**12**	**Single**	**184**	**920 064**	**8 658**
	14 Mono B150-R	**14**	**Single**	**180**	**920 065**	**9 564**
	16 Mono B150-R	**16**	**Single**	**179**	**920 066**	**9 866**
	12 Tri B150-R	**12**	**Three**	**184**	**920 067**	**9 262**
	14 Tri B150-R	**14**	**Three**	**178**	**920 068**	**10 092**
	16 Tri B150-R	**16**	**Three**	**180**	**920 069**	**10 545**

All these models - Eco-participation not included: € 5.00

Maximum water volume covered by expansion vessels supplied, depending on installation height

Height	Floor heating	Rad
3	**1163**	**663**
6	**1018**	**580**
9	**872**	**497**

OptiPac MR32 -R : Required accessories

Designation	Details	Ref	€ Excl. tax
EU protection kit	Outdoor unit protection kit including 2 x 1" male anti-freeze safety valves, 2 x shut-off valves and a mud pot with magnetic filter.	**900 639**	**427**

OptiPac MR32 -R : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
MHS	Hydraulic module without circulating pump	**900 445**	**270**
MHS-FM	Hydraulic module without circulating pump + magnetic filter	**900 499**	**410**
MHD	Direct hydraulic module	**900 420**	**407**
MHD-FM	Direct hydraulic module + magnetic filter	**900 494**	**538**
MH2X	Hydraulic module with Duotherm	**900 493**	**523**
MH2X-FM	Hydraulic module with Duotherm + magnetic filter	**900 616**	**663**
TH4-F	Class IV wired TA with weekly programming. Possible action on circulating pump or burner.	**900 470**	**61**
TH4-R	Class IV radio TA including a weekly-programmable transmitter and a compact 868 MHz receiver. Can be operated on circulating pump or burner circulateur ou brûleur.	**900 471**	**164**
Pressure valve with manometer	**Pressure valve with manometer**	**900 404**	**22**

BIOFUEL Hybrid Air/Water heat pumps Heating

OptiPac MR32 hybrid

Designed to work up to 100% plant based biofuel or 100% hydrotreated vegetable oil

kW **Heat pump : 8 à 16 kW**
Back-up : 24 ou 32 kW

Heating only or heating + DHW production by independent tank

Chimney or Room sealed

ENERGIE A++

R32

Chimney version : Given the high performance of PERGE boilers, it is imperative to pipe the flue in compliance with current regulations.
Material for sealed room connection: the smoke duct must be made of stainless steel.
Room sealed version - Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° elbow + 4 lengths of 1 m + terminal C13.
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of the B32/B33, minimum chimney section of 14 cm on side

Outdoor unit including :
- R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger.
- Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter.
- Easy-access connection box
- Anti-frost heating cord in condensate tray

Indoor unit including :
- Internal hydraulic volume of 50 litres
- Heating element that, without a mixing valve, allows operation without temperature limitation of return flows, with no dew point risk indoor the heating element
- Burner compatible with biofuel
- Control and command panel
- RC7: Class VII controller with outdoor sensor and room compensation sensor. Local control via Bluetooth or internet and remote control via internet.

Hydraulic connection not supplied.

Communication :
ModBus: 3 x 0.75m mm² shielded
Internet: RJ45 ethernet cable or PLC plug

Packing :
1x Outdoor unit
1x Oil hybrid unit C

Details	Designation Hybrid OptiPac	Heat pump kW	Power supply	Back-up kW	Seer	Ref	€ Excl. tax
	Hybrid biofuel chimney						
	8-24 C-F30RC7	8	Single	24	119	921 022	8 218
	10-24 C-F30RC7	10	Single		128	921 023	8 827
	12-24 C-F30RC7	12	Single		128	921 024	9 608
	14-24 C-F30RC7	14	Single		123	921 025	10 514
	16-24 C-F30RC7	16	Single		124	921 026	10 816
	12-24 C-F30RC7 Tri	12	Three		129	921 027	10 212
	14-24 C-F30RC7 Tri	14	Three		123	921 028	11 042
	16-24 C-F30RC7 Tri	16	Three		124	921 029	11 495
	12-32 C-F30RC7	12	Single	32	128	921 034	10 058
	14-32 C-F30RC7	14	Single		123	921 035	10 964
	16-32 C-F30RC7	16	Single		124	921 036	11 266
	12-32 C-F30RC7 Tri	12	Three		129	921 037	10 662
	14-32 C-F30RC7 Tri	14	Three		123	921 038	11 492
	16-32 C-F30RC7 Tri	16	Three		124	921 039	11 945
	Hybrid biofuel room sealed						
	8-24 C-F30VRC7	8	Single	24	119	921 122	8 718
	10-24 C-F30VRC7	10	Single		128	921 123	9 327
	12-24 C-F30VRC7	12	Single		128	921 124	10 108
	14-24 C-F30VRC7	14	Single		123	921 125	11 014
	16-24 C-F30VRC7	16	Single		124	921 126	11 316
	12-24 C-F30VRC7 Tri	12	Three		129	921 127	10 712
	14-24 C-F30VRC7 Tri	14	Three		123	921 128	11 542
	16-24 C-F30VRC7 Tri	16	Three		124	921 129	11 995
	12-32 C-F30VRC7	12	Single	32	128	921 134	10 558
	14-32 C-F30VRC7	14	Single		123	921 135	11 464
	16-32 C-F30VRC7	16	Single		124	921 136	11 766
	12-32 C-F30VRC7 Tri	12	Three		129	921 137	11 162
	14-32 C-F30VRC7 Tri	14	Three		123	921 138	11 992
	16-32 C-F30VRC7 Tri	16	Three		124	921 139	12 445

All these models - Eco-participation not included: € 5.00

BIOFUEL Hybrid Air/Water heat pumps Heating + DHW integrated

OptiPac MR32 hybrid

Designed to work up to 100% plant based biofuel or 100% hydrotreated vegetable oil

kW **Heat pump : 8 à 16 kW**
Back-up : 24 ou 32 kW

Heating + DHW production by integrated stainless steel tank

Chimney or Room sealed

ENERGIE A++

R32

Chimney version : Given the high performance of PERGE boilers, it is imperative to pipe the flue in compliance with current regulations.
Material for sealed room connection: the smoke duct must be made of stainless steel.
Room sealed version - Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° elbow + 4 lengths of 1 m + terminal C13.
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of the B32/B33, minimum chimney section of 14 cm on side

Outdoor unit including :
- R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger.
- Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter.
- Easy-access connection box
- Anti-frost heating cord in condensate tray

Indoor unit including :
- Internal hydraulic volume of 50 litres
- Heating element that, without a mixing valve, allows operation without temperature limitation of return flows, with no dew point risk indoor the heating element
- Burner compatible with biofuel
- 150-litre stainless steel hot water tank
- Charge pump for DHW priority
- Control and command panel
- RC7: Class VII controller with outdoor sensor and room compensation sensor. Local control via Bluetooth or internet and remote control via internet.

Hydraulic connection not supplied.

Communication :
ModBus: 3 x 0.75m mm² shielded
Internet: RJ45 ethernet cable or PLC plug

Packing :
1x Outdoor unit
1x Oil hybrid unit B150

Details	Designation Hybrid OptiPac	Heat pump kW	Power supply	Back-up kW	Seer	Ref	€ Excl. tax
	Hybrid biofuel chimney						
	8-24 B150-F30RC7	8	Single	24	119	921 052	9 838
	10-24 B150-F30RC7	10	Single		128	921 053	10 447
	12-24 B150-F30RC7	12	Single		128	921 054	11 228
	14-24 B150-F30RC7	14	Single		123	921 055	12 134
	16-24 B150-F30RC7	16	Single		124	921 056	12 436
	12-24 B150-F30RC7 Tri	12	Three		129	921 057	11 832
	14-24 B150-F30RC7 Tri	14	Three		123	921 058	12 662
	16-24 B150-F30RC7 Tri	16	Three		124	921 059	13 115
	12-32 B150-F30RC7	12	Single	32	128	921 064	11 678
	14-32 B150-F30RC7	14	Single		123	921 065	12 584
	16-32 B150-F30RC7	16	Single		124	921 066	12 886
	12-32 B150-F30RC7 Tri	12	Three		129	921 067	12 282
	14-32 B150-F30RC7 Tri	14	Three		123	921 068	13 112
	16-32 B150-F30RC7 Tri	16	Three		124	921 069	13 565
	Hybrid biofuel room sealed						
	8-24 B150-F30VRC7	8	Single	24	119	921 152	10 338
	10-24 B150-F30VRC7	10	Single		128	921 153	10 947
	12-24 B150-F30VRC7	12	Single		128	921 154	11 728
	14-24 B150-F30VRC7	14	Single		123	921 155	12 634
	16-24 B150-F30VRC7	16	Single		124	921 156	12 936
	12-24 B150-F30VRC7 Tri	12	Three		129	921 157	12 332
	14-24 B150-F30VRC7 Tri	14	Three		123	921 158	13 162
	16-24 B150-F30VRC7 Tri	16	Three		124	921 159	13 615
	12-32 B150-F30VRC7	12	Single	32	128	921 164	12 178
	14-32 B150-F30VRC7	14	Single		123	921 165	13 084
	16-32 B150-F30VRC7	16	Single		124	921 166	13 886
	12-32 B150-F30VRC7 Tri	12	Three		129	921 167	12 782
	14-32 B150-F30VRC7 Tri	14	Three		123	921 168	13 612
	16-32 B150-F30VRC7 Tri	16	Three		124	921 169	14 065

All these models - Eco-participation not included: € 5.00

GAS Hybrid Air/Water heat pumps Heating

Hybrid OptiPac MR32

Natural gas or Propane

Heat pump : 8 to 16 kW
Back-up : 24 or 32 kW

Heating only or heating + DHW production by independent tank

Chimney or Room sealed

ENERGIE A++

R32

Chimney version : Given the high performance of PERGE boilers, it is imperative to pipe the flue in compliance with current regulations.
Material for room sealed connection: the smoke duct must be made of stainless steel.
Sealed room version - Maximum connection distance :
- Horizontal sealed room type C13 : 1 90° elbow + 4 lengths of 1 m + terminal C13.
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of the B32/B33, minimum chimney section of 14 cm on side

Details	Designation Hybrid OptiPac	Heat pump kW	Power supply	Back-up kW	Seer	Ref	€ Excl. tax
Outdoor unit including : - R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger. - Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter. - Easy-access connection box - Anti-frost heating cord in condensate tray **Indoor unit including :** - Internal hydraulic volume of 50 litres - Heating element that, without a mixing valve, allows operation without temperature limitation of return flows, with no dew point risk indoor the heating element - Natural gas / propane forced-air burner - Control and command panel - RC7: Class VII controller with outdoor sensor and room compensation sensor. Local control via Bluetooth or internet and remote control via internet. **Hydraulic connection not supplied.** **Communication :** ModBus: 3 x 0.75m mm² shielded Internet: RJ45 ethernet cable or PLC plug **Packing :** 1x Outdoor unit 1x Gas hybrid unit C	**Hybrid gas chimney**						
	8-24 C-GRC7	8	Single	24	119	921 522	8 518
	10-24 C-GRC7	10	Single		128	921 523	9 127
	12-24 C-GRC7	12	Single		128	921 524	9 908
	14-24 C-GRC7	14	Single		123	921 525	10 814
	16-24 C-GRC7	16	Single		124	921 526	11 116
	12-24 C-GRC7 Tri	12	Three		129	921 527	10 512
	14-24 C-GRC7 Tri	14	Three		123	921 528	11 342
	16-24 C-GRC7 Tri	16	Three		124	921 529	11 795
	12-32 C-GRC7	12	Single	32	128	921 534	10 358
	14-32 C-GRC7	14	Single		123	921 535	11 264
	16-32 C-GRC7	16	Single		124	921 536	11 566
	12-32 C-GRC7 Tri	12	Three		129	921 537	10 962
	14-32 C-GRC7 Tri	14	Three		123	921 538	11 792
	16-32 C-GRC7 Tri	16	Three		124	921 539	12 245
	Hybrid gas room sealed						
	8-24 C-GVRC7	8	Single	24	119	921 622	9 018
	10-24 C-GVRC7	10	Single		128	921 623	9 627
	12-24 C-GVRC7	12	Single		128	921 624	10 408
	14-24 C-GVRC7	14	Single		123	921 625	11 314
	16-24 C-GVRC7	16	Single		124	921 626	11 616
	12-24 C-GVRC7 Tri	12	Three		129	921 627	11 012
	14-24 C-GVRC7 Tri	14	Three		123	921 628	11 842
	16-24 C-GVRC7 Tri	16	Three		124	921 629	12 295
	12-32 C-GVRC7	12	Single	32	128	921 634	10 858
	14-32 C-GVRC7	14	Single		123	921 635	11 764
	16-32 C-GVRC7	16	Single		124	921 636	12 066
	12-32 C-GVRC7 Tri	12	Three		129	921 637	11 462
	14-32 C-GVRC7 Tri	14	Three		123	921 638	12 292
	16-32 C-GVRC7 Tri	16	Three		124	921 639	12 745

All these models - Eco-participation not included: € 5.00

GAS Hybrid Air/Water heat pumps
Heating + DHW integrated

Hybrid OptiPac MR32

Heat pump : 8 to 16 kW
Back-up : 24 or 32 kW

Natural gas or Propane

Heating + DHW production by integrated tank

Chimney or Room sealed

ENERGIE A++

R32

Chimney version : Given the high performance of PERGE boilers, it is imperative to pipe the flue in compliance with current regulations.
Material for sealed room connection: the smoke duct must be made of stainless steel.
Flue version - Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° elbow + 4 lengths of 1 m + terminal C13.
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of the B32/B33, minimum chimney section of 14 cm on side

Outdoor unit including :
- R32 internal refrigerant circuit with Mitsubishi Twin-rotary DC inverter compressor, liquid cut-off cylinder, electronic expansion valve, Panasonic DC inverter fan motor, R32 air exchanger with protection against weathering and salt attack, R32 water plate exchanger.
- Hydraulic circuit with DC inverter circulating pump, 5-litre expansion tank, safety valve, flow and return pipes 1''M diameter.
- Easy-access connection box
- Anti-frost heating cord in condensate tray

Indoor unit including :
- Internal hydraulic volume of 50 litres
- Heating element that, without a mixing valve, allows operation without temperature limitation of return flows, with no dew point risk indoor the heating element
- Natural gas / propane forced-air burner
- 150-litre stainless steel hot water tank
- Charge pump for DHW priority
- Control and command panel
- RC7: Class VII controller with outdoor sensor and room compensation sensor. Local control via Bluetooth or internet and remote control via internet.

Hydraulic connection not supplied.

Communication :
ModBus: 3 x 0.75m mm² shielded
Internet: RJ45 ethernet cable or PLC plug

Packing :
1x Outdoor unit
1x Gas hybrid unit B150

Designation Hybrid OptiPac	Heat pump kW	Power supply	Back-up kW	Seer	Ref	€ Excl. tax
Hybrid gas chimney						
8-24 B150-GRC7	8	Single	24	119	921 552	10 138
10-24 B150-GRC7	10	Single		128	921 553	10 747
12-24 B150-GRC7	12	Single		128	921 554	11 528
14-24 B150-GRC7	14	Single		123	921 555	12 434
16-24 B150-GRC7	16	Single		124	921 556	12 736
12-24 B150-GRC7 Tri	12	Three		129	921 557	12 132
14-24 B150-GRC7 Tri	14	Three		123	921 558	12 962
16-24 B150-GRC7 Tri	16	Three		124	921 559	13 415
12-32 B150-GRC7	12	Single	32	128	921 564	11 978
14-32 B150-GRC7	14	Single		123	921 565	12 884
16-32 B150-GRC7	16	Single		124	921 566	13 186
12-32 B150-GRC7 Tri	12	Three		129	921 567	12 582
14-32 B150-GRC7 Tri	14	Three		123	921 568	13 412
16-32 B150-GRC7 Tri	16	Three		124	921 569	13 865
Hybrid gas room sealed						
8-24 B150-GVRC7	8	Single	24	119	921 652	10 638
10-24 B150-GVRC7	10	Single		128	921 653	11 247
12-24 B150-GVRC7	12	Single		128	921 654	12 028
14-24 B150-GVRC7	14	Single		123	921 655	12 934
16-24 B150-GVRC7	16	Single		124	921 656	13 236
12-24 B150-GVRC7 Tri	12	Three		129	921 657	12 632
14-24 B150-GVRC7 Tri	14	Three		123	921 658	13 462
16-24 B150-GVRC7 Tri	16	Three		124	921 659	13 915
12-32 B150-GVRC7	12	Single	32	128	921 664	12 478
14-32 B150-GVRC7	14	Single		123	921 665	13 384
16-32 B150-GVRC7	16	Single		124	921 666	13 686
12-32 B150-GVRC7 Tri	12	Three		129	921 667	13 082
14-32 B150-GVRC7 Tri	14	Three		123	921 668	13 912
16-32 B150-GVRC7 Tri	16	Three		124	921 669	14 365

All these models - Eco-participation not included: € 5.00

Hybrid OptiPac MR32 : Required accessories 1 room sensor per circuit and 1 outdoor sensor

Designation		Details	Ref	€ Excl. tax
	**C+ Wired outdoor sensor**	Connection via 2 wires of 0.75 mm2 max. not supplied.	**900 600**	**55**
	C+ radio outdoor or room sensor	Supplied with batteries.	**900 601**	**115**
	C+ Wired room sensor	Connection via 2 wires of 0.75 mm2 max not included.	**900 602**	**54**
	C+ radio outdoor or room sensor	Supplied with batteries.	**900 601**	**115**
	C+ wired room sens. with manual comfort	Connection via 2 wires of 0.75 mm2 max not included.Manual adjustment T° comfort	**900 604**	**75**
	C+ radio room sens. with manual comfort	Supplied with batteries.Manual adjustment comfort temperature.	**900 605**	**138**
EU protection kit		Outdoor unit protection kit including 2 x 1" male anti-freeze safety valves, 2 x shut-off valves and a mud pot with magnetic filter.	**900 639**	**427**

Hybrid OptiPac MR32 : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 72	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module with Duotherm (for heating underfloor)** More information on page 72	**900 493** **900 616**	**523** **663**
D.H.W. Priority			
MHP RC7 **MHP RC7-FM**	**ECS priority hydraulic module for connected boiler** More information on page 73	**900 478** **900 613**	**437** **568**
DHW T° Sensor	Temperature sensor for existing independent storage tank and charge pump. Allows DHW priority controller with RC7 control.	**992 041** (B)	**12**

All these accessories except B - Eco-participation not included: €0.12

Optional standard accessories

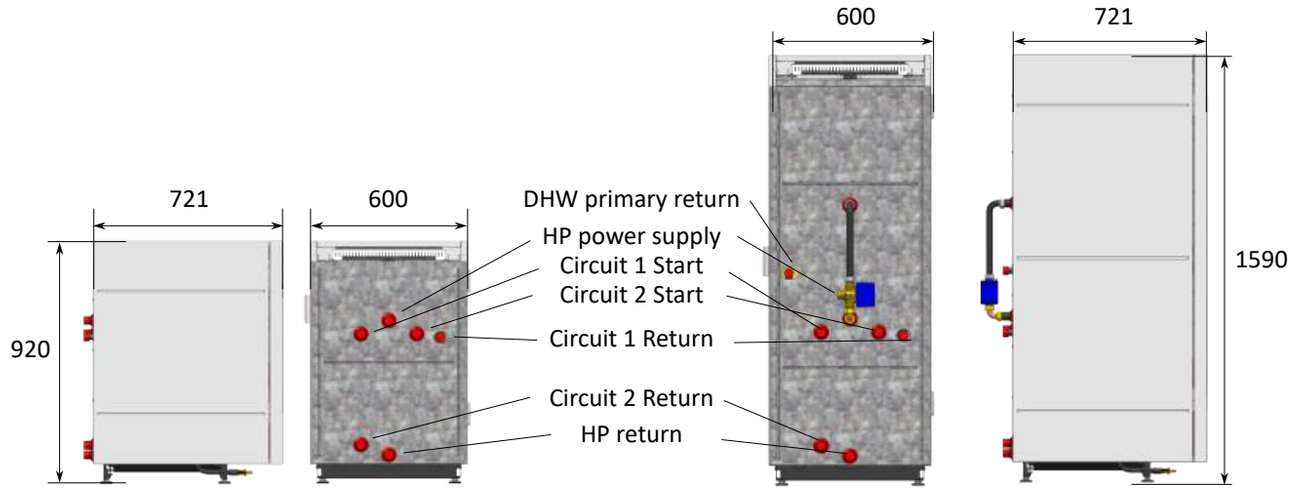
Details	more info, page...
Expansion vessel and safety valve	**75**
Mixing cylinders	**70**
Domestic hot water tanks	**73**
Electric back-up heaters	**73**

Outdoor units - Heating output, COP and absorbed output

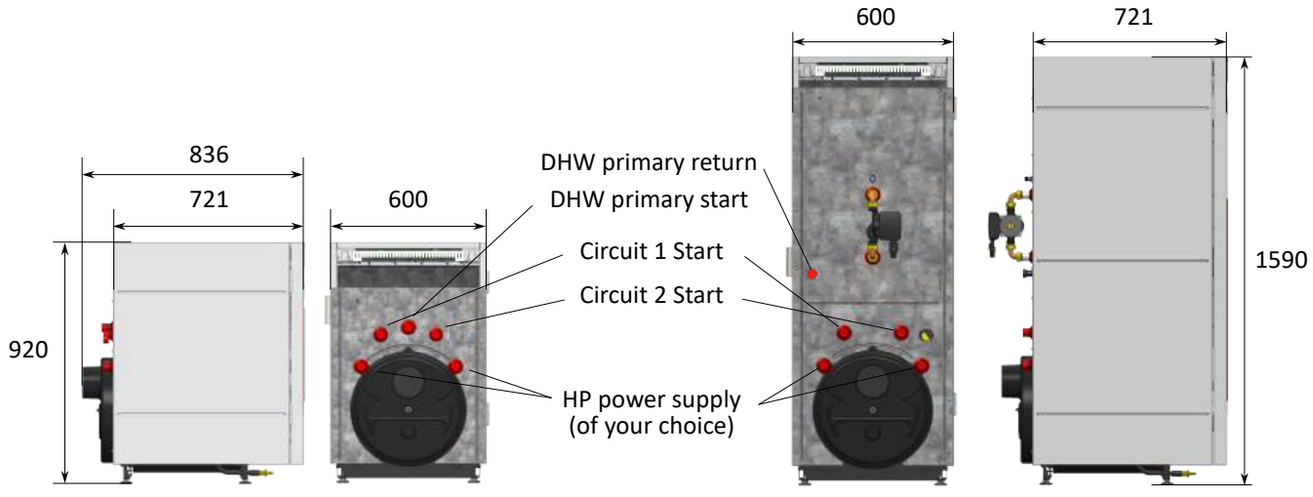
Models	Single-phase							Three-phased		
	4	6	8	10	12	14	16	12 Three	14 Three	16 Three
Outdoor T° = +7° - Starting water T° = 35°										
Heating output (kW)	4,39	6,20	7,90	10,20	12,10	14,50	15,90	12,10	15,50	15,90
COP	4,72	4,70	4,51	5,01	4,71	4,75	4,61	4,71	4,75	4,61
Absorbed output (kW)	0,93	1,32	1,75	2,04	2,57	3,05	3,45	2,57	3,05	3,45
Outdoor T° = 0° - Starting water T° = 50°										
Heating output (kW)	4,38	5,82	7,28	8,03	10,90	12,37	13,20	10,90	12,37	13,20
COP	2,49	2,56	2,69	2,75	2,51	2,44	2,52	2,51	2,44	2,52
Absorbed output (kW)	1,76	2,27	2,71	2,92	4,35	5,06	5,23	4,35	5,06	5,23
Outdoor T° = -7° - Starting water T° = 45°										
Heating output (kW)	4,27	5,56	6,51	7,28	10,20	11,80	12,80	10,20	11,80	12,80
COP	2,32	2,45	2,44	2,58	2,37	2,32	2,26	2,37	2,32	2,26
Absorbed output (kW)	1,84	2,27	2,67	2,82	4,30	5,09	5,66	4,30	5,09	5,66
Outdoor T° = -7° - Starting water T° = 50°										
Heating output (kW)	4,09	5,32	6,15	6,90	10,10	11,60	12,70	10,10	11,60	12,70
COP	2,13	2,11	2,21	2,31	2,25	2,22	2,13	2,25	2,22	2,13
Absorbed output (kW)	1,92	2,52	2,78	2,99	4,48	5,22	5,95	4,48	5,22	5,95
Outdoor T° = -7° - Starting water T° = 55°										
Heating output (kW)	3,97	5,30	6,08	6,56	9,75	11,10	12,60	9,75	11,10	12,60
COP	1,92	2,04	1,95	2,03	2,02	2,05	2,01	2,02	2,05	2,01
Absorbed output (kW)	2,07	2,60	2,78	2,99	4,48	5,22	5,95	4,48	5,22	5,95

Dimensional features

Heat pump indoor unit

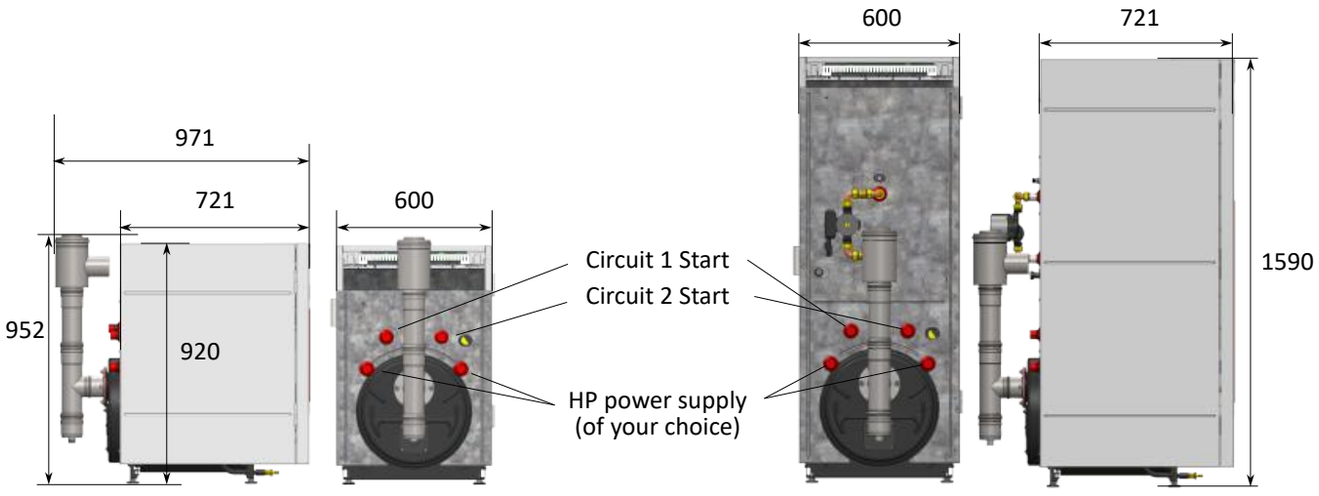


Hybrid chimney heat pump indoor unit



Smoke duct diameter 125mm (24) or 150mm (32)

Hybrid room sealed heat pump indoor unit



Concentric room sealed outlet 80/125

Pellet boilers

A modern, environmentally-friendly solution

- Storage silos from 250 kg to 7 t
- Connection without mixing valve
- Up to 3 connections of heating circuits directly from the boiler (underfloor heating, radiators, DHW)
- Class VII connected controller (RC7)
- Mixed Wood-Pellet solution (see page 41)

	Boilers	
		

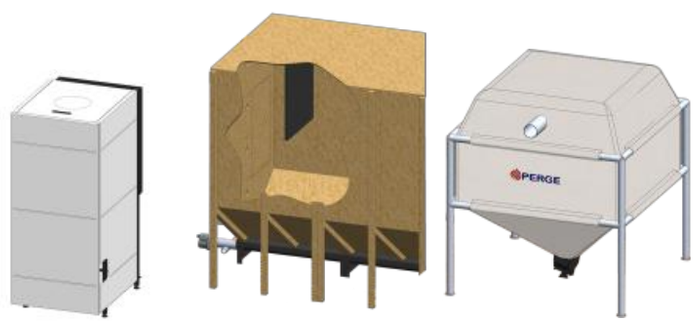
✓ = Factory-fitted ○ = Optional — = Not applicable

Range	OptiPellet Connect	OptiPellet
Page	**28**	**29**
Fuel	Wood pellet	Wood pellet
Heating only	✓	✓
Output (kW)	12 - 17 - 23 - 33 - 45	12 - 17 - 23 - 33 - 45
Storage silo type	MiniSilo Silo to built - Textile silo	MiniSilo Silo to built - Textile silo
Class according to EN 303-5	5	5
Compliance with EEC requirements applicable since 01/04/21	Yes	Yes
Up to 3 heating circuits - Duotherm (Underfloor heating - Radiator - DHW)	✓	✓
Circulating pump for heating circuit n°1	✓	✓
Controller (class) : RC7 (Class VII)	✓	—
TH4 (Class IV)	—	○
RTE3 (Class III)	—	○
MyPerge application for Smartphone (Android or iOS) Locally via Bluetooth - Remotely via internet	✓	—
Combustion controller: Lambda sensor	✓	—
Fireplace temperature sensor	✓	✓
Cleaning: Self-cleaning burner and exchanger	✓	✓
Ash removal	○	○
Smoke removal	Chimney	Chimney
External Accumulated DHW	○	○
Tank type	Enamelled 150 to 500 L	Enamelled 150 to 500 L

Storage silos

Storage solutions suited to your needs

- The mini-silo: an economical, space-saving storage solution
- Silbat: tailor-made optimisation to make the most of your space
- Siltex: the ready-to-install solution



✓ = Factory-fitted / Available ◯ = Optional — = Not applicable

Range	MiniSilo	Silbat	Siltex
Page	29	32	34
Silo type	Silo	Silo to build	Textile silo
Compatible with : OptiPellet Connect+	✓	✓	✓
OptiPellet	✓	✓	✓
Volume (m3) : Min.	0,39	3,1	4,6
Max.	0,39	10,8	10,7
Pellet weight (tons) : Min.	0,25	2	3
Max.	0,25	7	7
Filling	Bag	Bulk	Bulk
Transfer by : Suction	—	✓	✓
Screw	—	✓	✓
Gravitary	✓	—	—

More information on ...

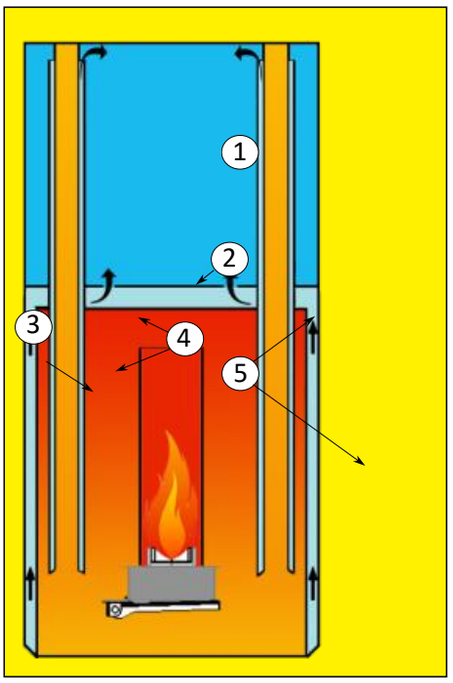
Direct connection of system from boiler without limiting temperature of heating returns

PERGE technology does **not impose minimum temperature constraints, nor does it require the installation of a mixing valve or a buffer tank**. The boiler works in complete safety with no low limitation on the temperature of the heating returns.

PERGE boilers have a heat transfer fluid divided into two parts, separated by a **Stoptherm**. When the burner is operating, the small quantity of water contained in the perimeter water blade (3) surrounding the fireplace as well as in the heat exchanger tubes (4) of the boiler is brought to a temperature higher than 60°C. **The dew point is avoided** and, at the same time, a thermosiphon circuit is established between the perimeter water blade and the mixing chamber, which is thus heated by natural circulation.

One or more independent, direct circuits link the mixing chamber (1) to the heating system, with no possibility of cold returns reaching the exchange surfaces.

This eliminates the risk of corrosion and ensures a long boiler life.



1 - Mixing chamber
2 - Stoptherm
3 - Perimeter water blade
4 - Water blade in exchanger tubes
5 - Exchange surfaces

Environmentally-friendly

Thanks to their combustion chamber with stepped air intake over 3 levels for complete, clean combustion, PERGE OptiPellet pellet boilers satisfy the requirements of standard EN303-5 class 5 and 7* Green Flame. As environmentally-friendly equipment with first-rate performance, they are eligible for State aid for energy transition.

Easy to maintain

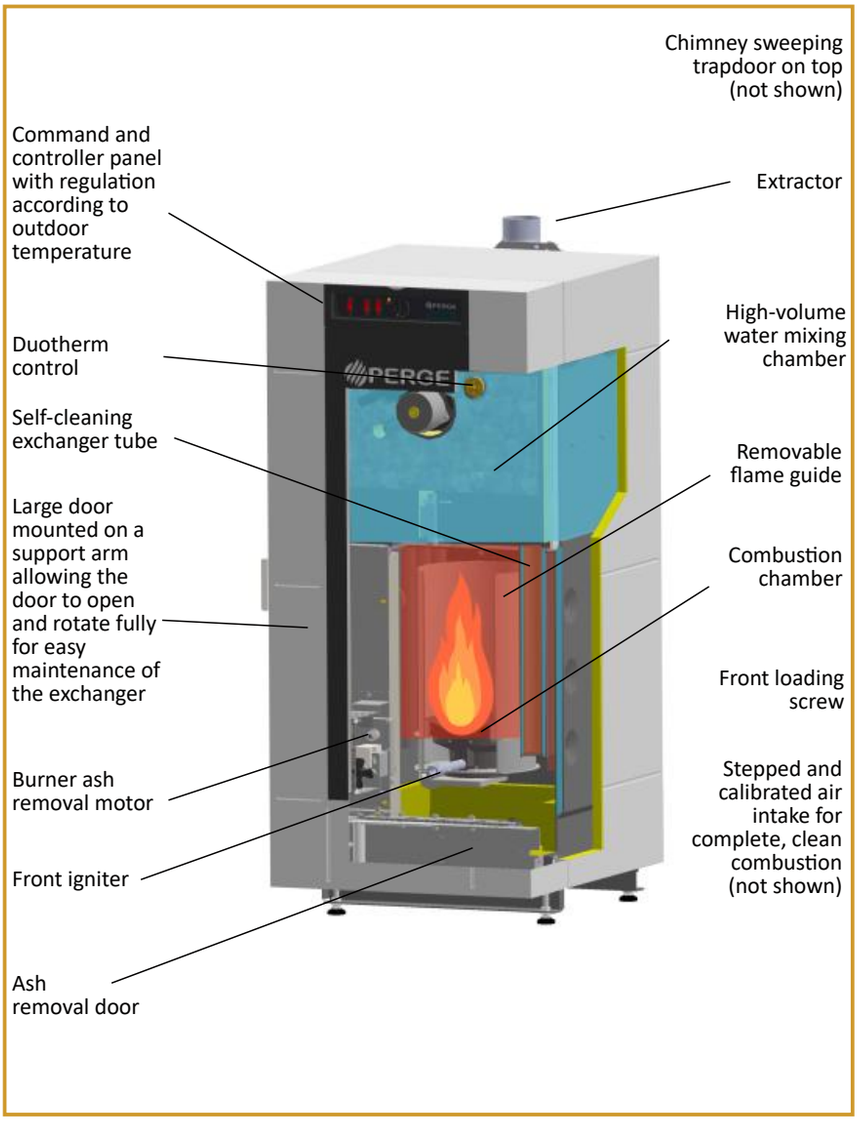
OptiPellet boilers are equipped with an **exchanger and a self-cleaning burner**. The ash is collected at the bottom of the boiler. The removal of ashes is done manually by the user thanks to the easily accessible ash removal door pierced in the front of the boiler. The large volume at the bottom of the boiler allows ash removal to be reduced to a few operations per year.
Other cleaning operations are done by a professional as part of boiler maintenance operations.

They are facilitated by :

- Pivoting burner screw on the front for easy access to the burner without removing fuel.

- 180° hinged burner arm without weight for cleaning the combustion bowl and access to the fireplace.

- Retractable flame guide without tools.



More information on ...

Modulation of the power returned to the water from 0 to 100% with no loss of efficiency

The **PERGE** boilers operating without minimum temperature constraints give them another very interesting advantage: the heating temperature can be modulated completely, without limit, over the entire range of needs (from 0 to 100% of the boiler output).

Short cycles are avoided thanks to the large volume of water in the mixing chamber and the inertia provided by the combustion chamber.

The burner, operating at nominal output, guarantees optimum efficiency at all times, with no superfluous electronics.

The boiler works in complete safety at a temperature adjusted to the real needs of the moment, with no loss of efficiency.

These very high efficiency performances are consolidated by very low annual maintenance consumption*.

**Takes into account the losses when the boiler is shut down and the consumption required to maintain a minimum temperature in order to avoid the dew point. PERGE boilers, by design, do not have this minimum temperature constraint.*

Two heating circuits at different temperatures (underfloor heating + radiators) direct from the boiler.

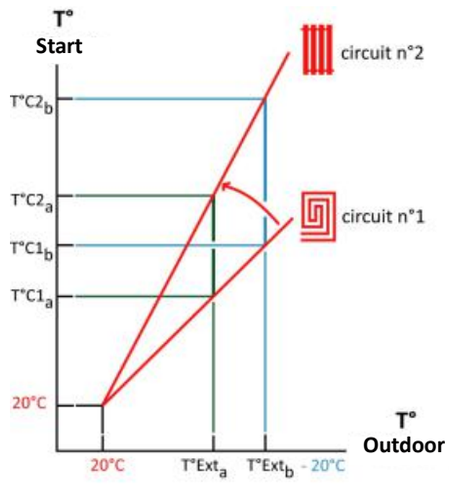
PERGE pellet boilers incorporate the **Duotherm-System** (PERGE patent), which allows **two heating circuits at different temperatures** (e.g. an underfloor heating system and a radiator heating system) to be created directly from the boiler. Each circuit is distributed at the desired temperature, without the need for a mixing valve or motor.

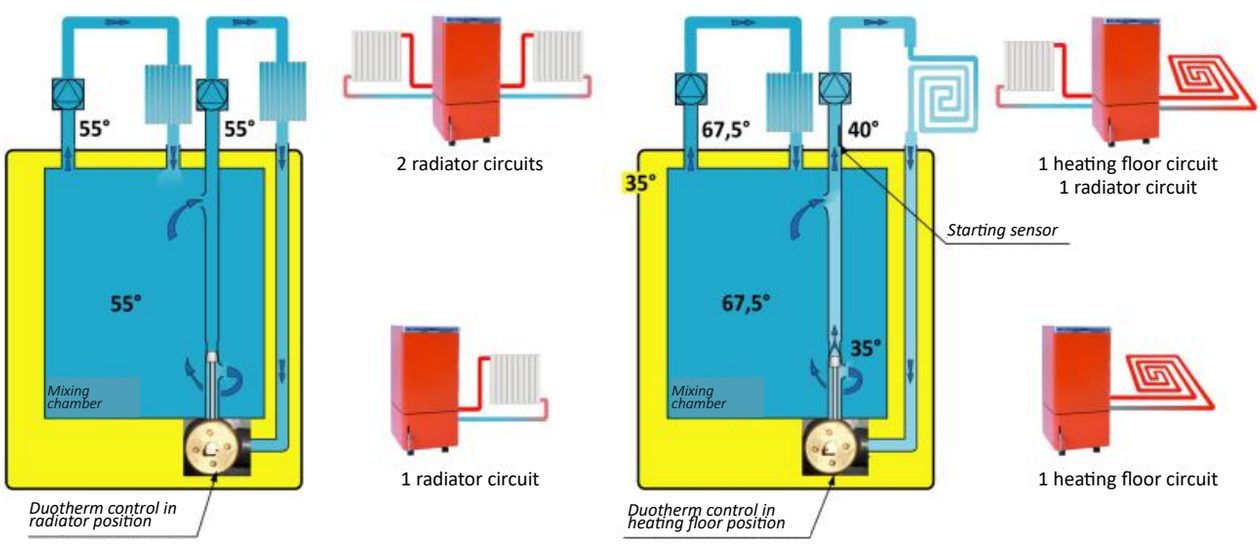
The **Duotherm-System** is based on the principle of a fixed injection and reinjection by-pass. The slope of the controller determines and regulates the flow temperature of the heating circuit on which the controller sensor is located (in our example, circuit no. 1). The **Duotherm-System** setting creates a second slope that will determine and regulate the temperature of circuit no. 2.

In this way, there are two heating circuits, controlled at different temperatures, without a mixing valve or motor, and with a single controller system.

The **Duotherm-System** saves on the accessories inherent in this type of installation with a conventional boiler (mixing valve, valve motorisation, regulator, etc.) and ensures optimum comfort.

Heating curves





Note: For each of the above configurations, it is also possible to supply an independent domestic hot water cylinder directly from the boiler.

Pellet boilers classs 5 - 7 starts connected

OptiPellet Connect+

- **Duotherm = 2 heating circuits with different temperatures without mixing valve**
- **Buffer tank not required**
- **Combustion controller by lambda sensor**

kW **12 to 45 kW**

Heating only or Heating + DHW production by independent tank

Smoke extraction

Class 5 Pellets | 7* | Warranty 10 years Boiler body | RC7 Inside

- Required chimney draught : Minimum 12 Pa - Maximum 20 Pa
- For technical interventions, keep a distance of **50 centimetres behind the boiler** and a manway on at least one side and 5 centimetres on the other side.

Designation	Details		Ref	€ Excl. tax
12 C-DRC7	**Pellet boiler connected to EN 303-5 class 5, equivalent to 7 stars FV. Operation without buffer tank or mixing valve.** Heating element allowing operation without buffer tank or mixing valve, without return temperature limitation and without risk of dew point. Possibility of connecting up to 3 heating circuits at different temperatures (e.g. underfloor heating + radiator circuit + external DHW cylinder) without a mixing valve directly from the boiler thanks to the Duotherm system. RC7: Class VII controller of boiler temperature according to outdoor temperature, water law correction according to room data. Local piloting via Bluetooth or internet, remote piloting via internet. Circulating pump heating circuit n°1 Self-cleaning burner and exchanger ash removal in a large-capacity ashtray. Combustion controller via lambda sensor and temperature sensor. Other factory-fitted equipment: large door mounted on a 360° rotating hinged arm, total accessibility to the burner without any weight, to the exchanger tubes and to the ashtray during maintenance, cleaning tool, casing, reinforced insulation. Optional equipment: standard hydraulic accessories (vessel, pressure gauge valve).	**12 kW**	**902 800**	**8 690**
17 C-DRC7		**17 kW**	**902 801**	**8 890**
23 C-DRC7		**23 kW**	**902 802**	**9 390**
33 C-DRC7		**33 kW**	**902 803**	**9 690**
45 C-DRC7		**45 kW**	**902 804**	**10 690**
12 C-DRC7 + MiniSilo	**Connected pellet boiler EN 303-5 class 5 equivalence 7 stars FV Operating without buffer tank or mixing valve (see description above)** + 250 kg mini-silo of pellets can be placed side-by-side on the right or left of the boiler. Filled by bag. Can be upgraded to include a vacuum for automatic silo filling on first installation or at a later date.	**12 kW MiniSilo 250 kg**	**902 850**	**9 660**
17 C-DRC7 + MiniSilo		**17 kW MiniSilo 250 kg**	**902 851**	**9 860**
23 C-DRC7 + MiniSilo		**23 kW MiniSilo 250 kg**	**902 852**	**10 360**
33 C-DRC7 + MiniSilo		**33 kW MiniSilo 250 kg**	**902 853**	**10 850**
45 C-DRC7 + MiniSilo		**45 kW MiniSilo 250 kg**	**902 854**	**11 850**

All these models - Eco-participation not included: € 5.00

Connect : Required accessories 1 room sensor per circuit and 1 outside sensor

Designation	Details	Ref	€ Excl. tax
C+ Wired outside sensor	Connection via 2 wires of 0.75 mm2 max. not supplied.	**900 600**	**55**
C+ radio out. or room sensor	Supplied with batteries.	**900 601**	**115**
C+ Wired room sensor	Raccordement par 2 fils de 0,75 mm2 maxi non fournis.	**900 602**	**54**
C+ radio out. or room sensor	Supplied with batteries.	**900 601**	**115**
C+ wired room sens. with manual comfort	Connection via 2 wires of 0.75 mm2 max not included.Manual adjustment T° comfort	**900 604**	**75**
C+ radio room sens. with manual comfort	Supplied with batteries.Manual adjustment comfort temperature.	**900 605**	**138**

Pellet boilers class 5 - 7 stars

OptiPellet

12 to 45 kW

Duotherm = 2 heating circuits with different temperatures without mixing valve

Heating only or Heating + DHW production by independent tank

Smoke extraction

Class 5 Pellets — 7* — Warranty 10 years Boiler body

- Required chimney draught : Minimum 12 Pa - Maximum 20 Pa
- For technical interventions, keep a distance of **50 centimetres behind the boiler** and a manway on at least one side and 5 centimetres on the other side.

Designation	Details		Ref	€ Excl. tax
12 C-D	**Pellet boiler connected to EN 303-5 class 5, equivalent to 7 stars FV. Operation mixing valve.** Heating element allowing operation without mixing valve, without return temperature limitation and without risk of dew point. Possibility of connecting up to 3 heating circuits at different temperatures (e.g. underfloor heating + radiator circuit + external DHW cylinder) without a mixing valve directly from the boiler thanks to the Duotherm system. Circulating pump heating circuit n°1 Self-cleaning burner and exchanger ash removal in a large-capacity ashtray. Combustion controller via lambda sensor and temperature sensor. Other factory-fitted equipment: large door mounted on a 360° rotating hinged arm, total accessibility to the burner without any weight, to the exchanger tubes and to the ashtray during maintenance, cleaning tool, casing, reinforced insulation. Optional equipment: TH4-F or TH4-R class IV controller, RTE3 class III climate controller, standard hydraulic accessories (vessel, pressure valve with manometer).	**12 kW**	**902 810**	**7 590**
17 C-D		**17 kW**	**902 811**	**7 790**
23 C-D		**23 kW**	**902 812**	**8 290**
33 C-D		**33 kW**	**902 813**	**8 590**
45 C-D		**45 kW**	**902 814**	**9 590**
12 C-D + MiniSilo	**Connected pellet boiler EN 303-5 class 5 equivalence 7 stars FV Operating without mixing valve (see description above)** + 250 kg mini-silo of pellets can be placed side-by-side on the right or left of the boiler. Filled by bag. Can be upgraded to include a suction unit for automatic silo filling on first installation or at a later date.	**12 kW MiniSilo 250 kg**	**902 860**	**8 560**
17 C-D + MiniSilo		**17 kW MiniSilo 250 kg**	**902 861**	**8 760**
23 C-D + MiniSilo		**23 kW MiniSilo 250 kg**	**902 862**	**9 260**
33 C-D + MiniSilo		**33 kW MiniSilo 250 kg**	**902 863**	**9 750**
45 C-D + MiniSilo		**45 kW MiniSilo 250 kg**	**902 864**	**10 750**

All these models - Eco-participation not included: € 5.00

OptiPellet : Équipements obligatoires pour dossier d'aides - au moins 1 TH4

Désignation	Descriptif	Réf	€ HT
TH4-F Filaire	Thermostat d'ambiance filaire de classe IV à programmation hebdomadaire.	**900 470**	**61**
TH4-F CL4 Filaire	Thermostat d'ambiance filaire de classe IV à programmation hebdomadaire.	**900 410**	**103**
TH4-R Radio	Thermostat d'ambiance radio de classe IV.	**900 471**	**164**
TH4-R CL4 Radio	Thermostat d'ambiance radio de classe IV. Pilotable via internet.	**900 411**	**240**

All these accessories - Eco-participation not included: €0.12

OptiPellet : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
RTE3	Class III climatic controller acting on the burner, comprising: controller with cable with plug-in connectors, start sensor, outdoor sensor.	**900 132**	**390**

All these accessories - Eco-participation not included: €0.12

OptiPellet Connect and OptiPellet : Required equipment

Designation	Details	Ref	€ Excl.tax
MT100	100 mm diameter draught moderator	**900 465**	**151**
MT150	150 mm diameter draught moderator	**900 466**	**161**
MT180	180 mm diameter draught moderator	**900 467**	**185**

OptiPellet Connect and OptiPellet : Optional specific equipment

Designation	Details	Ref	€ Excl.tax
AC80100FF	Conical increase 80-100 FF	**900 650**	**68**
AC80130FF	Conical increase 80-130 FF	**900 651**	**89**
AC80150FF	Conical increase 80-150 FF	**900 652**	**100**
AC80180FF	Conical increase 80-180 FF	**900 653**	**117**
Coupling kit MC - CDM PERGE	Allows automatic operation of a PERGE MC boiler with a PERGE boiler equipped with a mixing chamber (OptiPellet, Optitherm) in a single flue. Comply with chimney regulations for log burning boilers.	**900 112**	**608**
Mini silo	A matched boiler storage system that saves you a considerable amount of space (boiler width + silo : 1.25 m). Can be mounted on the right or left of the boiler. Storage capacity : 250 kg (i.e. approximately 17 bags).	**902 820**	**970**
Riser mini silo 33.45		**902 826**	**190**

Optional standard accessories

Details	More information, page...
Hydraulic modules	**74**
Room thermostat	**76**
Expansion vessel and safety valve	**75**
Mixing cylinders	**72**
DHW tanks	**73**
Electric back-up heaters	**73**

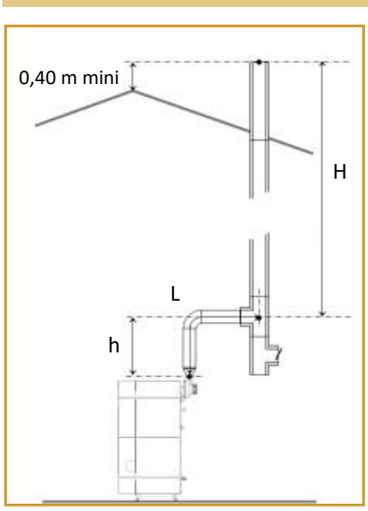
Smoke duct

It is the responsibility of professionals to know and comply with the different standards and legislation in force, whether European, national or local. We would like to insist that they pay particular attention to the following regulatory documents:

- DTU 24.1 - Heating engineering works - Combustion product evacuation systems serving one or more appliances
- EN 13384-1 - Smoke ducts - Thermal-air calculation methods - Part 1: smoke ducts serving one combustion appliance.

The following are examples of chimney sizing for an installation meeting the following criteria:
- the minimum draught required is **12 Pa**
- the **indoor diameter** of the connection is identical to that of the chimney
- the **diameter is changed** at the extractor
- the chimney flue is made of **double-skinned insulated stainless steel**
- the chimney flue is **straight**
- entry to the flue is via 1 x **90° T pipe.**
- the boiler-chimney connection is made of **non-insulated single-skin stainless steel** (in the case of a "boiler room")
- the total length L of the boiler-chimney connection is **1 metre**
- the total height h of the boiler-chimney connection is **0.50 metres**
- the boiler-chimney connection has **1 90° bend pipe.**

If the chimney and its connection do not meet all of these criteria, the recommended dimensions do not apply. In this case, a new sizing calculation should be carried out using an appropriate calculation tool.

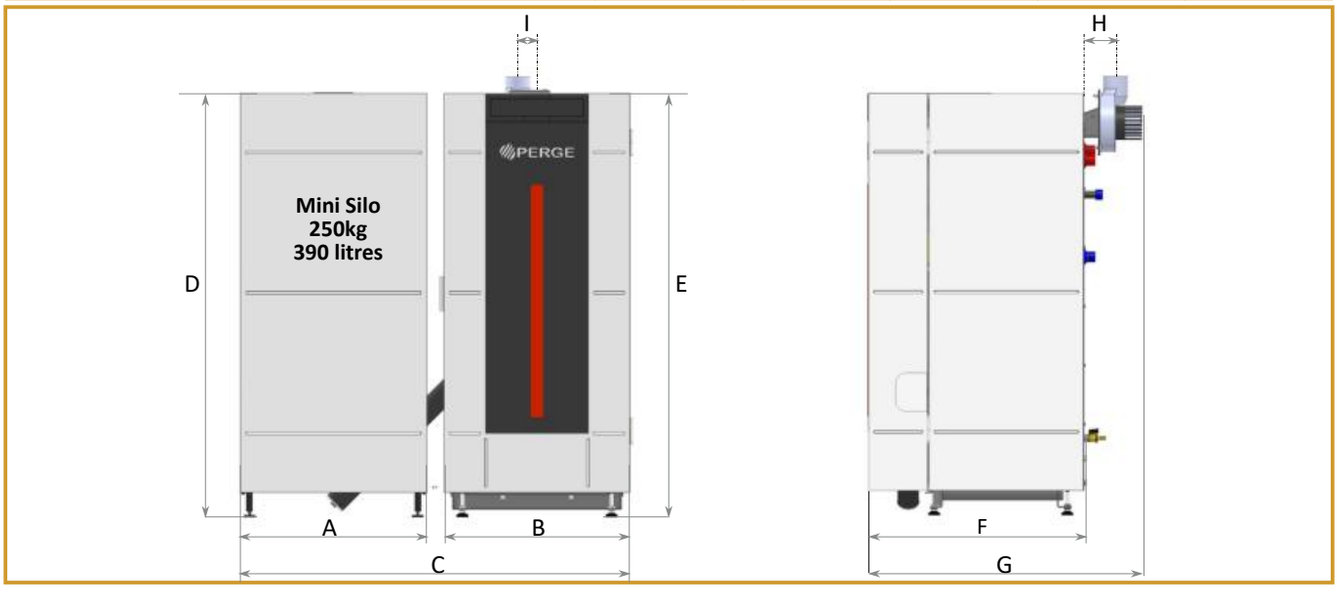


Model OptiPellet	Height of chimney H in metres					
	5	6	7	8	9	10
12	130	130	100	100	100	100
17	150	130	130	100	100	100
23	150	130	130	130	130	130
33	180	150	150	130	130	130
45	180	180	150	150	150	150

Internal diameter of the boiler to chimney flue and chimney depending on the height H of the chimney and the OptiPellet model

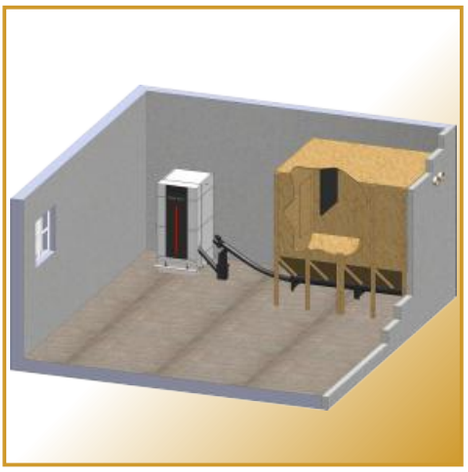
Technical and dimensional specifications - OptiPellet

OptiPellet	12 C-D	17 C-D	23 C-D	33 C-D	45 C-D
Authorised fuel	EN+ or DIN+ certified wood pellets with a diameter of 6 mm % Moisture < 10% - % Ash < 0.7 - ICP between 16.5 and 19 MJ/kg				
Power output (kW)	12,5	17	23	33	45,6
Boiler efficiency (%)	91,6	91	90,4	91	91,8
Burner type	All or Nothing				
Required chimney draught (Pa)	Mini : 12 Pa - Maxi : 20 Pa				
Smoke temperature (°C)	120	145	135	140	160
Smoke mass flow rate (g/s)	9,17	12,32	15,79	23,35	31,79
CO2 emissions (%)	11	11	11	11	11
Carbon monoxide CO emissions (mg/Nm3 at 10% O2)	249	90	49	90	82
Emissions of gaseous organic compounds - CnHm (mg/Nm at 10% O2)	3	4	4	4	4
NOx emissions (mg/Nm3 at 10% O2)	153	160	160	160	153
Particle / dust emissions (mg/Nm3 at 10% O2)	28	25	20	20	18
Cycle electricity consumption (W)	40	44	48	55	64
Electricity consumption in standby mode (W)	2	2	2	3	3
Class according to EN303-5	5	5	5	5	5
Green Flame equivalence	6*	6*	7*	7*	7*
Compliance with E.E.C. requirements applicable from 1 April 2021	yes	yes	yes	yes	yes
SEER - Seasonal Energy Efficiency Ratio (%) in accordance with 2015/1189	81	81	81	81	82
Energy Efficiency Ratio	120	120	120	120	120
Energy class	A+	A+	A+	A+	A+
Electrical power supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Boiler water capacity (L)	40	40	70	100	130
Temperature (°C) / maximum heating circuit pressure (bar)	90 / 3	90 / 3	90 / 3	90 / 3	90 / 3
MiniSilo capacity in kg and litres	250 kg / 390 l	250 kg / 390 l	250 kg / 390 l	250 kg / 390 l	250 kg / 390 l
A - Width of MiniSilo (mm)	600	600	600	600	600
B - Boiler width (mm)	600	600	600	650	650
C - Total width of assembly (mm)	1306	1306	1306	1356	1356
D - MiniSilo height (mm)	1360	1360	1360	1460	1460
E - Boiler height (mm)	1360	1360	1360	1590	1590
F - Boiler depth (mm)	580	580	700	810	890
G - Total depth including extractor (mm)	770	770	890	998	1078
H - Extractor axis - Rear of boiler (mm)	103	103	103	103	103
I - Extractor axis - Boiler axis (mm)	63	63	63	63	63
Smoke extractor diameter (mm)	80	80	80	80	80
Weight (kg)	190	190	230	280	300



Pellet transfer and storage
SilBat silo to build

Silo to build with screw transfer (for OptiPellet only)



SilBat: Silo to build with a length of 1.00 m to 3.00 m in 0.50 m increments. The lacquered steel silo bottom is designed to accommodate the inclined surfaces of the silo to build on and allow it to be emptied completely.

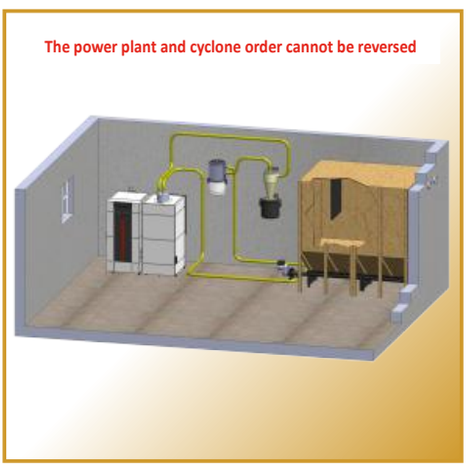
VTC: Transfer screw composed of the screw, the arched duct, the geared motor and the level sensor controlling the motor.

Other accessories supplied :
- 2 Guillemin diameter 100 fireman's connectors for filling and venting
- buffer board for filling

Designation	D min cm	L cm	V* m3	Ref	€ Excl. tax
SilBat10 + VTC	345	100	3,1	**902 680**	**2 600**
SilBat15 + VTC	395	150	4,7	**902 681**	**2 790**
SilBat20 + VTC	445	200	6,3	**902 682**	**2 890**
SilBat25 + VTC	495	250	7,8	**902 683**	**3 080**
SilBat30 + VTC	545	300	9,4	**902 684**	**3 170**

V: volume for H = 2.50 m and P = 1.50 m*

Silo to build with vacuum transfer (for OptiPellet + MiniSilo)



SilBat: Silo to build from 1.00 m to 3.00 m in 0.50 m increments. The lacquered steel silo base is designed to accommodate the inclined planes of the silo to build and to allow it to be completely emptied, delivered with motor and silo extraction screw.

Other accessories supplied:
- 2 Guillemin diameter 100 fireman's connectors for filling and venting
- buffer board for filling

Vacuum unit (max. distance = 20 m - max. elevation gain = 5 m): see below for the various solutions proposed.

Designation	D min cm	L cm	V* m3	Ref	€ Excl. tax
SilBat10 Aspi	345	100	3,1	**902 700**	**1 960**
SilBat15 Aspi	395	150	4,7	**902 701**	**2 120**
SilBat20 Aspi	445	200	6,3	**902 702**	**2 200**
SilBat25 Aspi	495	250	7,8	**902 703**	**2 420**
SilBat30 Aspi	545	300	9,4	**902 704**	**2 490**

V: volume for H = 2.50 m and P = 1.50 m*

Vacuum unit

Cyclonic separator

Separate-element vacuum system for SilBat silos to build

Details	Ref	€ Excl. tax
A separate element vacuum system comprising a central vacuum unit, cyclonic separator, separate control panel and dispenser. The dispenser is directly mounted on the MiniSilo. Wall mounting for motor. Vacuum link via single 50 mm diameter tube.	**902 827**	**1 540**

Dispenser

Control panel

Vacuum piping

Details	Ref	€ Excl. tax
Vacuum piping with smooth interior and copper wire for dielectric continuity. Length: 20 m.	**902 698**	**430**

Technical and dimensional specifications - SilBat

SilBat silos to build

A tailor-made solution that maximises volume depending on the configuration of the room, and offers users greater convenience by significantly increasing their autonomy at a low extra cost.

Silo floor length from 1.00 m to 3.00 m in 0.50 m increments using 0.50 m or 1.00 m modular elements.

The lacquered steel silo bottom is designed to accommodate the inclined surfaces of the silo to build and to allow it to be emptied completely.

Accessories supplied :
- 1 Guillemin diameter 100 firefighter connection for filling;
- 1 Guillemin diameter 100 firefighter connection for vacuum or vent;

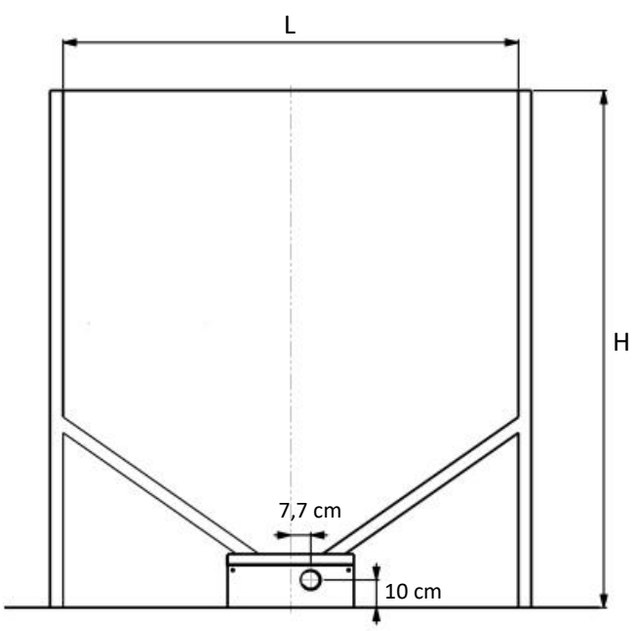
Accessibility for delivery

The delivery truck must be able to approach to less than 20 metres from the silo filling opening.

Silo building

- A long silo is preferable to a wide one.
- The walls in contact with the pellets must be clean and dry. They must resist pressure during storage and delivery.
- The floors must withstand the load (1 m3 of pellets weighs around 650 kg).
- The silo must be completely enclosed (including ceiling).
- Door or inspection hatch should be high and wide enough for easy access and to check the filling level.
- The silo must be airtight.
- Place the buffer board 35 cm from the opposite wall of the filling.
- Be sure to respect the wall angles given by the silo bottom.
- Place the filling connection tube pointing towards the buffer board 25 cm from the ceiling and at least 50 cm from the vacuum outlet. Fit the shortest possible tube, earthed (strong static electricity).
- Place the vacuum connector at least 50 cm from the inside end of the filling tube. If the connection is used as a vent, a dust filtration sleeve must be installed or fitted by the supplier during filling.

SilBat silo to build capacity - By volume (m³)



		For H = 200 cm			
		L in cm			
		100	150	200	250
Silo depth in cm	100	1,7	2,4	3,0	3,6
	150	2,5	3,6	4,5	5,4
	200	3,3	4,8	6,1	7,2
	250	4,1	5,9	7,6	9,0
	300	5,0	7,1	9,1	10,8

		For H = 250 cm			
		L in cm			
		100	150	200	250
Silo depth in cm	100	2,2	3,1	4,0	4,9
	150	3,2	4,7	6,0	7,3
	200	4,3	6,3	8,1	9,7
	250	5,4	7,8	10,1	12,1
	300	6,5	9,4	12,1	14,6

Pellet transfer and storage
SilTex textile silo

Textile silo with screw transfer (for OptiPellet only)

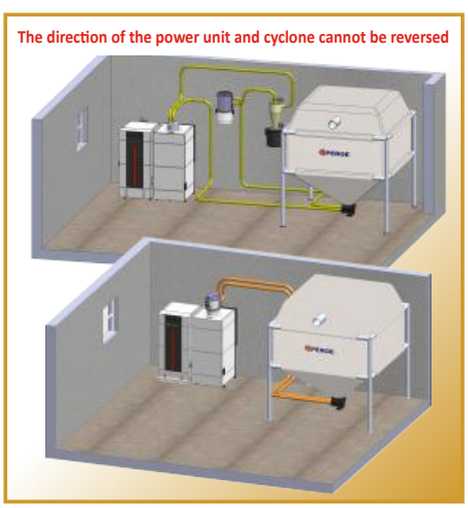
SilTex: Textile silo with a volume of 4.6 m3 to 10.7 m3 assembled on a metal frame and feet, delivered with a Guillemin diameter 100 firefighter connection for filling.

VTA: Transfer screw comprising the screw and duct, which can be recut and adjusted to the desired length, the geared motor and the sensor controlling the motor. Maximum length of transfer screw: 3.00 m.

Designation	D min cm	L x l cm	V* m3	Ref	€ Excl. tax
SilTex 200 x 200 + VTA	370	200 x 200	3,1/4,6	**902 690**	**4 730**
SilTex 200 x 250 + VTA	370 or 420	250 x 200	3,6/6,1	**902 775**	**4 900**
SilTex 250 x 250 + VTA	420	250 x 250	5,1/7,5	**902 691**	**5 270**
SilTex 250 x 300 + VTA	420 or 470	300 x 250	5,6/9,3	**902 776**	**5 610**
SilTex 300 x 300 + VTA	470	300 x 300	7,1/10,7	**902 692**	**5 950**

V: volume for H = 2.00 m / volume for H = 2.50 m*

Textile silo with vacuum transfer (for OptiPellet + MiniSilo)



SilTex: Textile silo with a volume of 4.6 m3 to 10.7 m3 assembled on a frame and metal feet, supplied with a Guillemin diameter 100 firefighter connection for filling.

Vacuum unit (max. distance = 20 m - max. elevation gain = 5 m): see below for the various solutions proposed.

Designation	D min cm	L x l cm	V* m3	Ref	€ Excl. tax
SilTex 200 x 200	370	200 x 200	3,1/4,6	**902 676**	**3 030**
SilTex 200 x 250	370 or 420	250 x 200	3,6/6,1	**902 770**	**3 200**
SilTex 250 x 250	420	250 x 250	5,1/7,5	**902 677**	**3 570**
SilTex 250 x 300	420 or 470	300 x 250	5,6/9,3	**902 771**	**3 910**
SilTex 300 x 300	470	300 x 300	7,1/10,7	**902 678**	**4 250**

V: volume for H = 2.00 m / volume for H = 2.50 m*

Monobloc central vacuum unit

Central separated unit

Vacuum units for SilTex textile silos (minimum ceiling height = 1.90 m)

Details	Ref	€ Excl. tax
Monobloc vacuum unit to be fitted directly to the MiniSilo. Bi-tube vacuum/discharge link with 2 x 50 mm diameter tubes.	**902 821**	**1 020**
A separate element vacuum system comprising a central vacuum unit, cyclonic separator, separate control panel and dispenser. The dispenser is directly mounted on the MiniSilo. Wall mounting for motor. Vacuum link via single 50 mm diameter tube.	**902 827**	**1 540**

Add-on if vacuum and discharge

Add-on if vacuum only

Required add-on for SilTex textile silos

Details	Ref	€ Excl. tax
A required add-on for SilTex when a circuit with suction and discharge is connected to the silo. It includes an isolation guillotine and a connection box for the diameter 50 vacuum and discharge tubes.	**902 823**	**395**
Required add-on for SilTex when connecting a vacuum-only circuit to the silo. It includes an isolation guillotine and a 50 mm diameter vacuum tube connection box with agitator system.	**902 824**	**677**

Vacuum piping

Details	Ref	€ Excl. tax
Vacuum piping with smooth interior and copper wire for dielectric continuity. Length: 20 m.	**902 698**	**430**

Caractéristiques techniques et dimensionnelles - SilTex

SilTex textile silos

A "turnkey" solution that's quick and easy to install.

Volume from 4.6 m3 to 10.7 m3

2 filling heights (2.00 m and 2.50 m).
"Opening for manual loading" option (please specify when ordering).
Assembled on metal frame and feet

Supplied with Guillemin diameter 100 firefighter connection for filling.

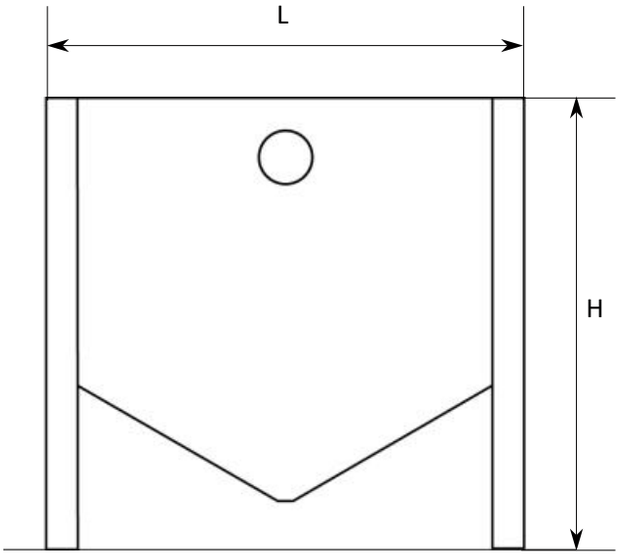
Accessibility for delivery

The delivery truck must be able to approach to within 20 metres of the silo's filling opening.

Silo building

The floors must withstand the load (1m3 of pellets weighs around 650kg).

SilTex textile silo capacity - By volume (m³) and by weight (tons)



		For H = 200 cm	
		m³	tons
L in cm	200 x 200	3,8	2,4
	200 x 250	4,8	3,1
	250 x 250	6,1	4,0
	250 x 300	7,2	4,6
	300 x 300	8,0	5,2

		For H = 250 cm	
		m³	tons
L in cm	200 x 200	5,2	3,4
	200 x 250	6,7	4,3
	250 x 250	8,5	5,5
	250 x 300	10,1	6,5
	300 x 300	11,7	7,6

Log-burning boilers

GFI: An ecological range up to 40 kW

- Abundant and cheap renewable energy
- Class 5 boiler
- 7-star Green Flame compliance
- Hydro-accumulation tank range from 500 to 2,000 litres

Class 5 reverse combustion

✓ = Factory-fitted ○ = Optional — = Not applicable

Range	GFI	GFI + BT	GFI + BTM
Page	38	39	
Fuel	Logs	Logs	
Configuration	Boiler	Boiler room	
Combustion type	reversed	reversed	
Output (kW)	15 - 20 - 25 - 30 - 40	15 - 20 - 25 - 30 - 40	
Services : Heating	✓	✓	
DHW	—	✓	
Class according to EN 303-5	5	5	
Buffer tanks	Obligatoire. Non compris.	500 - 800 - 1000 - 1500	
Heating circuit circulating pump	External mounting	External mounting	
Controller : Climatic	✓	✓	
Smoke nozzle diameter (mm)	150	150	
DHW type	—	External	"Tank in tank"
Tank type and volume (L)	—	Enamel 150 to 500 L	Enamel 150 to 500 L

MC : Repairability at the service of our customers

- Over 60,000 appliances installed
- Availability of replacement parts for appliances delivered since 1985
- Long-term maintenance and operation guaranteed

	Natural draught		Multi-fuel
			 100% biofuel compatible

✓ = Factory-fitted ○ = Optional — = Not applicable

Range	MC Classic	MC CI	GTEI
Page	**44**	**46**	**48**
Fuel	Logs	Logs	Logs + biofuel
Configuration	Spare parts Identical replacement	Spare parts Identical replacement	Spare parts Identical replacement
Combustion type	Natural draught	Natural draught	Natural draught
Output (kW)	20 - 30 - 40	20 - 30	20/24 - 30/24
Services : Heating	✓	✓	✓
DHW	–	✓	–
Buffer tanks	Not required	Required	Not required
Heating circuit circulating pump	External mounting	External mounting	External mounting
Thermostatic draught controller	✓	✓	✓
Smoke nozzle diameter (mm)	180	180	180
DHW type	–	Accumulated integrated	–
Tank type and volume (L)	–	Stainless steel 150 L	–

Class 5 log-burning boilers

GFI

7 stars Green Flame compliance

15 to 40 kW

Heating only
Heating + DHW production

Smoke extraction

Classe 5 Bois

7*

Reduced buffer volume, no recycling kit

PERGE GFI boilers are equipped with an anti-corrosion protection system that eliminates the need to install a recycling kit.
Moreover, the controller allows the boiler to be operated at lower output during the shoulder seasons, or even to be fitted with a smaller buffer tank, which saves both money and space.

Fire support

PERGE GFI boilers are equipped with a mechanical low fuel level detection device. From this detection, the boiler goes from a combustion phase to a fire-holding phase, and remains for several hours waiting to be reloaded. After this time, the boiler must be relit.

Our instructions as a manufacturer

The installation, commissioning, maintenance and use of our products are governed by the various standards and regulations in force, whether European, national or local. It is the responsibility of the professional to be aware of these and to comply with them, although we are not obliged to list them.

However, we would insist that the professional pays particular attention to the following regulatory documents :
- DTU 24.1 - heating engineering works - Combustion product evacuation systems serving one or more appliances
- EN13384-1 - Smoke ducts - Thermal-air calculation method - Part 1: smoke ducts serving only one combustion appliance

As well as these standards and regulations, our additional technical requirements are the following :
- the chimney draught must be between 12 and 22 Pa
- The thermal safety valve is mandatory
- the fuel must meet the requirements fixed in the Technical and Dimensional Characteristics table

Designation	Details		Ref	€ Excl. tax
GFI 15	**Very high performance reverse-flame log-burning boiler:** **- Class 5 according to EN 303-5 (efficiency over 91%)** **- Compliance with 7-star Green Flame standards** **- Compliance with the EEC bonus requirements that come into force on 1 January 2022** **No recycling kit** Combustion controller with oxygen sensor (lambda sensor) acting on the air flaps (primary-secondary distribution) and power modulation acting on the smoke extractor (air flow). Refractory ceramic post-combustion fireplace. Anti-corrosion protection system eliminating the need to install a recycling kit. Factory-fitted climatic controller with **highly intuitive touch-screen control**, capable of controlling up to 2 mixed heating circuits and 1 DHW preparation circuit. Mechanical system for cleaning the exchanger. Large loading door for full access to the fireplace Anti-boiling exchanger factory fitted (allowing operation with a closed expansion vessel under nitrogen pressure). Other equipment: heating tool, factory-fitted casing with reinforced insulation. Smoke nozzle diameter: 150 mm.	**15 kW** **35 cm logs**	**902 060**	**7 800**
GFI 20		**20 kW** **35 cm logs**	**902 061**	**8 040**
GFI 25		**25 kW** **50 cm logs**	**902 062**	**8 400**
GFI 30		**30 kW** **50 cm logs**	**902 063**	**9 130**
GFI 40		**40 kW** **50 cm logs**	**902 064**	**9 850**

All these models - Eco-participation not included: € 5.00

Class 5 log-burning boiler rooms

GFI + BT
GFI + BTM

7 stars Green Flame compliance

kW 15 to 40 kW

Heating only
Heating + DHW production

Smoke extraction

Classe 5 Bois

7*

GFI + BT : Boiler room with buffer tank

Boiler rooms	902 060 - GFI 15	902 061 - GFI 20	902 062 - GFI 25	902 063 - GFI 30	902 064 - GFI 40	900 285 - SST	900 365 - Vessel 24 L	900 366 - Vessel 35 L	900 367 - Vessel 50 L	900 404 - Press.Valve.Man.	900 488 - Acc. GFIB	900 292 - BT 500	900 293 - BT 800	900 294 - BT 1000	900 296 - BT 1500	900 365 - Vessel 24 L	900 367 - Vessel 50 L	900 625 - Vessel 80 L	900 368 - Vessel 100L	900 404 - Press.Valve.Man.	900 466 - MT150	€ Excl. tax
GFI 15 / 500	1					1	1			1	1	1				1				1	1	9 995
GFI 15 / 800	1					1		1		1	1		1				1			1	1	10 442
GFI 20 / 500		1				1	1			1	1	1				1				1	1	10 235
GFI 20 / 800		1				1		1		1	1		1				1			1	1	10 702
GFI 20 / 1000		1				1	1			1	1			1				1		1	1	10 874
GFI 25 / 800			1			1		1		1	1		1				1			1	1	11 062
GFI 25 / 1000			1			1	1			1	1			1				1		1	1	11 207
GFI 25 / 1500			1			1			1	1	1				1				1	1	1	12 339
GFI 30 / 1000				1		1	1			1	1			1				1		1	1	11 937
GFI 30 / 1500				1		1			1	1	1				1				1	1	1	13 069
GFI 40 / 1000					1	1	1			1	1			1				1		1	1	12 657
GFI 40 / 1500					1	1			1	1	1				1				1	1	1	13 789

GFI + BTM : Boiler room with mixed buffer tank

Boiler rooms	902 060 - GFI 15	902 061 - GFI 20	902 062 - GFI 25	902 063 - GFI 30	902 064 - GFI 40	900 285 - SST	900 365 - Vase 24 L	900 366 - Vase 35 L	900 367 - Vase 50 L	900 404 - Soup.M.	900 488 - Acc. GFIB	900 580 - BTM-SC 500	900 581 - BTM-SC 800	900 582 - BTM-SC 1000	900 583 - BTM-SC 1500	990 713 - Mitigeur	900 365 - Vase 24 L	900 367 - Vase 50 L	900 625 - Vase 80 L	900 368 - Vase 100L	900 404 - Soup.M.	900 466 - MT150	€ Excl. tax
GFI 15 / 500-170	1					1	1			1	1	1				1	1				1	1	11 111
GFI 15 / 800-230	1					1		1		1	1		1			1		1			1	1	11 651
GFI 20 / 500-170		1				1	1			1	1	1				1	1				1	1	11 351
GFI 20 / 800-230		1				1		1		1	1		1			1		1			1	1	11 891
GFI 25 / 1000-250			1			1	1			1	1			1		1			1		1	1	12 414
GFI 25 / 1500-280			1			1			1	1	1				1	1				1	1	1	13 758
GFI 30 / 1000-250				1		1	1			1	1			1		1			1		1	1	13 144
GFI 30 / 1500-280				1		1			1	1	1				1	1				1	1	1	14 488
GFI 40 / 1500-280					1	1			1	1	1				1	1				1	1	1	15 208

GFI : Required equipment

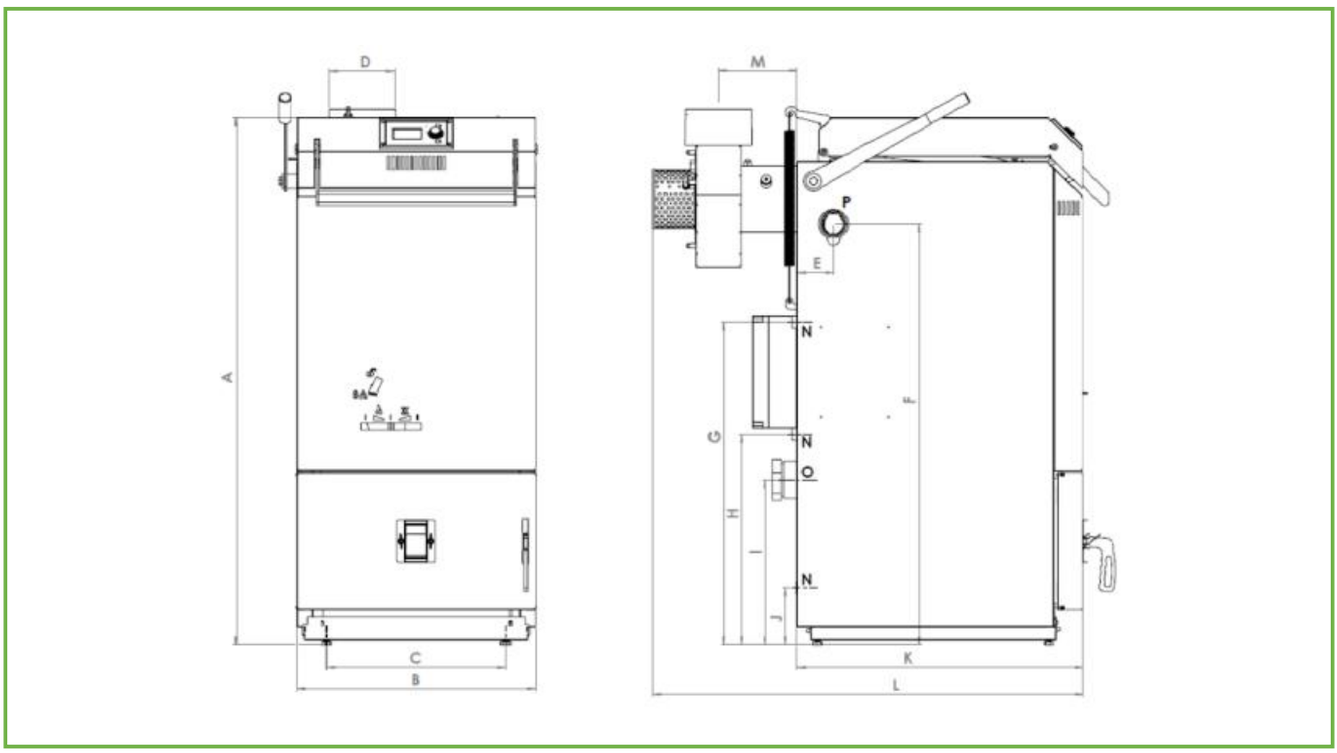
Designation	Details	Ref	€ Excl. tax
SST	Thermal safety valve to avoid boiler overheating. It must be connected to the anti-boiling exchanger on an installation with a closed expansion vessel.	**900 285**	**141**
MT150 **MT180**	150 mm diameter draught moderator 180 mm diameter draught moderator	**900 466** **900 467**	**161** **185**

GFI : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
GFIB	**Accessories for connecting a GFI boiler to 1 buffer tank** including 1 circulating pump, 1 drainer, 4 shut-off valves, 1 non-return valve, 1 discharge tap, 1 thermometer, 5 full plugs, reductions.	**900 488**	**441**
GFIB2	**Accessories for connecting a GFI boiler to 2 buffer tanks** including 1 circulating pump, 2 drainers, 6 shut-off valves, 1 non-return valve, 2 discharge taps, 5 thermometers, 10 full plugs, reductions.	**900 489**	**654**
TA GFI-R	Radio room sensor	**900 492**	**214**
MHP GFI	**Primary DHW hydraulic module for GFI boiler** including DHW temperature sensor for GFI controller, charge pump, anti-thermosiphon valve, shut-off valves, start/return thermometers and insulation shells.	**900 490**	**437**
MHP GFI-FM	idem MHP GFI + magnetic filter.	**900 615**	**568**
SDG-GFI	DHW sensor for GFI controller - Immersion sleeve sensor	**992 329**	**26**
SAP-GFI	Start sensor for GFI control - Surface-mounted sensor	**992 330**	**29**
Gravity valve	Non-return valve for thermosiphon connection between boiler and buffer tank	**900 563**	**91**
GFI coupling	Coupling kit for a GFI with a boiler other than PERGE, including zone and relay valve	**900 654**	**239**

Optional standard accessories

Details	More info, page...
Expansion vessel and safety valve	**75**
Buffer tanks	**72**
Hydraulic modules	**74**
Domestic hot water tanks	**73**
Electric back-up heaters	**73**

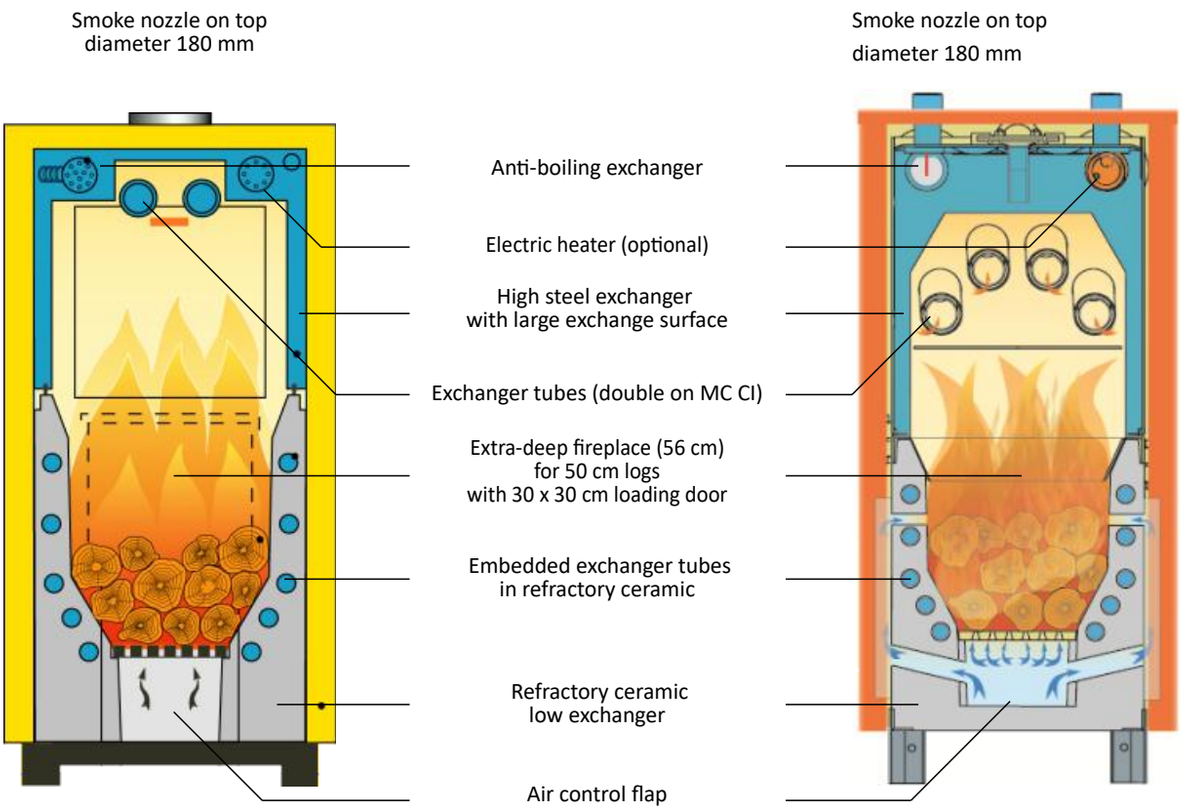


Technical specifications and dimensions

Designation	GFI 15	GFI 20	GFI 25	GFI 30	GFI 40
Authorized fuel	Logs - min. PCI : 14 MJ/kg - % max. ash : 1,5 % max. Moisture : 20 - max. Diameter : 150 mm				
Max. log length (cm)	35	35	50	50	50
Nominal output (kW)	15	20	25	30	40
Output range	7,5 - 15	10 - 20	12,5 - 25	15 - 30	12 - 40
Efficiency - Nominal output (%)	91,7	92,3	93,0	93,6	93,3
Efficiency - Minimum output (%)	91,5	92,5	93,5	94,5	94,5
Chimney draught required	Min. : 12 Pa - Max. : 22 Pa				
Smoke temperatures - Nominal output (°C)	130	130	130	130	160
Smoke temperatures - Minimum output (°C)	110	110	110	110	110
Smoke mass flow - Nominal output (g/s)	10	14	17	20	22
Smoke mass flow - Minimum output (g/s)	6	8	10	12	8
CO2 emissions (%)	11	11	11	11	11
Carbon monoxide CO emissions (mg/Nm3 at 10% O2)	162	146	131	115	63
Gaseous organic compound emissions - CnHm (mg/Nm at 10% O2)	7	5	4	2	2
Nitrogen oxide NOx emissions (mg/Nm3 at 10% O2)	168	167	167	166	158
Particle / dust emissions (mg/Nm3 at 10% O2)	16	16	16	16	25
Electrical consumption in cycle (W)	29	33	37	40	47
Electrical consumption in standby (W)	2	2	2	2	3
Class according to EN 303-5	5	5	5	5	5
Green Flame equivalence	7*	7*	7*	7*	7*
Compliance with C.E.E 2022 requirements	Yes	Yes	Yes	Yes	Yes
SEER - Seasonal Energy Efficiency Ratio (%) in accordance with 2015/1189	79	80	80	81	82
Energy Efficiency Ratio	116	117	118	119	120
Energy class	A+	A+	A+	A+	A+
Controller class with outdoor sensor and TA-GFI R or TA-GFI R room sensor with report according to European Directive 2009/125/EC (ErP)	VI (4%)	VI (4%)	VI (4%)	VI (4%)	VI (4%)
Maximum acoustic output (dB)	55				
Electrical power supply	230 V / 0,5A / 50 Hz				
Flow water temperature setting (°C)	70 - 95				
Water capacity (dm3)	40		55		
Maximum operating pressure (bar)	3	3	3	3	3
A - Boiler height - Door open (mm)	1700	1700	1700	1700	1700
A - Boiler height (mm)	1200	1200	1200	1200	1200
B - Boiler width (mm)	530	530	714	714	714
C - Width at axis of feet (mm)	400	400	585	585	585
D - Nozzle diameter (mm)	150 M	150 M	150 M	150 M	150 M
E - Heating flow offset (mm)	79	79	79	79	79
F - Heating flow height (mm)	940	940	940	940	940
G - Height of EF intake - anti-boiling exchanger (mm)	719	719	719	719	719
H - Height of EC outlet - anti-boiling exchanger (mm)	469	469	469	469	469
I - Height of heating return (mm)	368	368	368	368	368
J - Discharge height (mm)	128	128	128	128	128
K - Boiler casing depth (mm)	634	634	634	634	634
L - Total depth (including extractor) (mm)	955	955	955	955	955
M - Distance from rear of boiler to smoke outlet (mm)	176	176	176	176	176
N - Anti-boiling stitching	G1/2''F	G1/2''F	G1/2''F	G1/2''F	G1/2''F
O - Heating return	G1''1/2F	G1''1/2F	G1''1/2F	G1''1/2F	G1''1/2F
P - Heating flow	G1''1/2F	G1''1/2F	G1''1/2F	G1''1/2F	G1''1/2F
Weight (kg)	330	330	440	440	440
Loading chamber volume (dm3)	80		120		
Loading space dimensions (mm)	355 x 355		540 x 355		

More information about natural draught boilers

The refractory ceramic fireplace of PERGE MC boilers



This technology is particularly well suited to wood fuel.

In a conventional cast-iron or steel boiler, the walls of the fireplace do not, or only slightly, exceed the temperature of the water, i.e. around 90°.

The fireplace of PERGE MC boilers consists of a low exchanger with a double tube bundle linked to a water blade. The whole unit is embedded in a reinforced refractory ceramic casing, forming the fireplace.

The interior walls rise to temperatures above 500°C, ensuring complete, clean, tar-free combustion.

By design, PERGE MC log-burning boilers do not suffer from corrosion.

Therefore, there is no need to install a 4-way mixing valve or a buffer tank. A 3-way valve can be fitted to produce domestic hot water or to manually regulate the temperature of the heating circuit.

Low exchanger with double tube bundle

Low exchanger after casting

Things to remember ...

No need for a recycling kit

No risk of corrosion of the fireplace

A buffer tank is not mandatory with an MC Classic.

More information on log-oil and log-pellet coupling systems

Log-oil or log-pellet coupling systems

Coupling system allowing an MC log-burning boiler to be combined with :
- a PERGE OptiPellet pellet boiler
- a PERGE Optitherm oilboiler
- any other brand of oil boiler

The oil or pellet boiler may be new or already installed.

Thanks to its control system, the coupling kit ensures that the two boilers do not operate simultaneously. They can then be connected in the same chimney flue

The log-burning boiler always takes priority, and operation of the log-burning boiler prevents operation of the oil or pellet boiler.
If there is no wood, **the other boiler automatically takes over.**

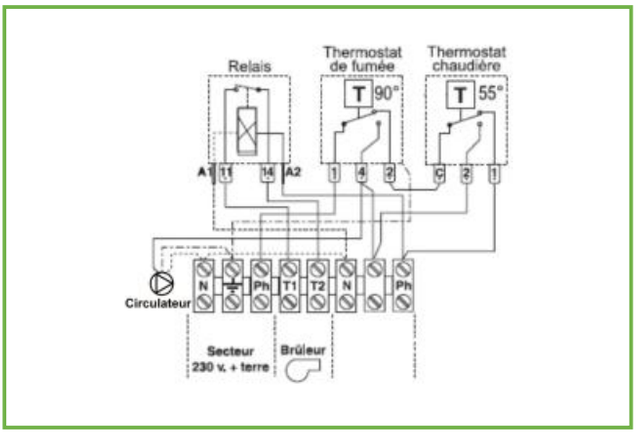
The installation can be done **with or without a buffer tank.**

A coupling installation allows you to choose the most economical energy source at the time.

Coupling kit 900 112

1 - Electrical connection box with smoke thermostat, boiler thermostat, relay, electrical terminal block, circulating pump cable
2 - Connection circulating pump with seals and 1" nuts
3 - 1" anti-thermosiphon valve
4 - Degassing cylinder with manual drainer

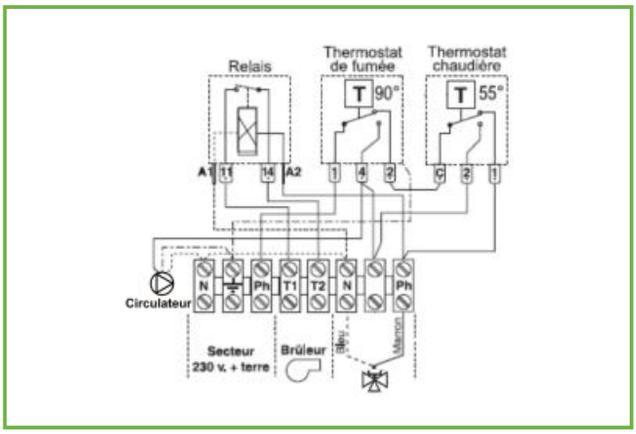
Electrical connection diagram



Coupling kit 900 113

1 - Electrical connection box with smoke thermostat, boiler thermostat, relay, electrical terminal block, circulating pump cable
2 - Connection circulating pump with seals and 1" nuts
3 - 1" anti-thermosiphon valve
4 - Degassing cylinder with manual drainer
5 - Junction box
6 - 1" zone valve

Electrical connection diagram



Natural draught log-burning boilers without buffer tank

MC Classic

- 20 to 40 kW
- Repairability
- Heating only
  Heating + DHW production by independent tank
- Factory-fitted anti-boiling exchanger
- Natural draught

Repairability at the service of our customers

With over 60,000 boilers installed, the MC Classic series offers every guarantee of longevity and reliability.
As part of our policy of maintenance and sustainable operation, we ensure parts availability for appliances sold since 1985.

Simple and economical

A simple, economical installation that doesn't require a buffer tank.

PERGE MC Classic boilers require no electricity for operation. Boiler temperature control and overheating safety are ensured by thermostatic elements that work in all circumstances. The anti-boiling exchanger is factory-fitted.

They also feature thermosiphon connection orifices to ensure independent production of domestic hot water. Finally, if the heating system is designed for thermosiphon operation, these boilers can operate independently without electricity, in complete safety. The MC Classic boiler, on the other hand, operates without electricity.

Can be coupled with another energy source (oil, pellets, solar, etc.).

Robust and renowned

Its refractory ceramic hearth prevents dew point, even without the installation of a buffer tank.
Over 60,000 homes have been heated with PERGE MC log-burning boilers since 1974.

Our instructions as a manufacturer

The installation, commissioning, maintenance and use of our products are governed by the various standards and regulations in force, whether European, national or local. It is the responsibility of the professional to be aware of these and to comply with them, although we are not obliged to list them.

However, we urge the professional to pay particular attention to the following regulatory documents :
- DTU 24.1 - heating engineering works - Combustion product evacuation systems serving one or more appliances
- EN13384-1 - Smoke ducts - Thermal-air calculation method - Part 1: smoke ducts serving only one combustion appliance

In addition to these standards and regulations, our further technical requirements are as follows :
- chimney draught must be between 13 and 18 Pa
- A thermal safety valve is mandatory

Original model	Designation	Ref	€ Excl. tax
MC 5.20 Classic (ex 902 000)	**MC 5.20 Classic Boiler body** **MC 5.20 Classic jacket**	**715 000** **902 028**	**4 350** **383**
MC 5.30 Classic (ex 902 001)	**MC 5.30 Classic boiler body** **MC 5.30 Classic jacket**	**715 011** **902 031**	**4 740** **475**
MC 15.40 Classic (ex 902 002)	**MC 15.40 Classic boiler body** **MC 15.40 Classic jacket**	**902 032** **902 033**	**5 790** **394**

Required equipment

Designation	Details	Ref	€ Excl. tax
SST	Thermal safety valve to prevent the boiler from overheating. It must be connected to the anti-boiling exchanger on a system with a closed expansion vessel.	**900 285**	**141**
MT180	180mm diameter draught moderator	**900 467**	**185**

Specific optional equipment

Designation	Details	Ref	€ Excl. tax
THF	Smoke thermostat allowing automatic operation of an MC boiler with an oil boiler in a single chimney flue. Observe chimney instructions for log-burning boilers.	**900 016** (A)	**150**
Coupling kit MC-Optitherm	Allows automatic operation of an MC boiler with a PERGE Optitherm oil boiler in a single chimney flue.	**900 112** (A)	**608**
Coupling kit MC - Oil	Allows automatic operation of an MC boiler with any oil boiler in a single chimney flue.	**900 113** (A)	**748**

(A): Eco-participation not included: €0.12

Optional standard accessories

Details	More info, page...
Hydraulic modules	**74**
Room thermostat	**76**
Expansion vessel and safety valve	**75**
Buffer tanks (heating, mixed, with solar coil)	**72**
Accessory kits for buffer tank equipment	**72**
Domestic hot water tanks	**73**
Electric backup heaters	**73**

Other parts available - MC Classic

Designation	Ref	€ Excl. tax
MC high exchanger MC low exchanger 5.20 MC low exchanger 5.30	**990 146** **990 144** **990 145**	**1 541** **1 953** **2 508**
Cast iron grate 5.20-5.30 Grate 15-40	**990 576** **990 157**	**233** **280**
Load door MC 5.20-5.30 Ashtray door MC 5.20-5.30	**990 187** **990 186**	**279** **209**
Draught controller MC thermometer Anti-boiling exchanger	**990 201** **991 096** **990 143**	**129** **42** **364**

Technical specifications and dimensions - MC Classic

Designation	MC 5.20 Classic	MC 5.30 Classic	MC 15.40 Classic
Output (kW)	20	30	40
Maximum operating pressure (bar)	3	3	3
Boiler dimensions WxDxH (mm)	574 x 852 x 1054	574 x 852 x 1300	640 x 907 x 1400
Fireplace dimensions WxDxH (mm)	360 x 560 x 670	360 x 560 x 750	394 x 660 x 717
Loading door dimensions WxH (mm)	308 x 308	308 x 308	484 x 409
Right-of-way for door opening (mm)	420	420	550
Water capacity (l)	49	59	85
Heating flow/return diameter	40 / 49 F	40 / 49 F	40 / 49 F
Smoke volume flow at max power (m3/h)	115	151	233
Smoke mass flow at maximum power (kg/h)	144	189	291
CO2 rate at maximum power (%)	9,0	9,0	9,0
Smoke nozzle diameter (mm)	180	180	180
Weight (kg)	330	370	530
Number of packages	2	2	2

Natural draught log-burning boilers with buffer tank

MC CI

- Repairability
- Factory-fitted anti-boiling exchanger
- 20 to 30 kW
- Heating only
  Heating + DHW production by integrated stainless steel tank
- Natural draught

Repairability at the service of our customers

With over 60,000 boilers installed, the MC Classic series offers every guarantee of longevity and reliability.
As part of our policy of maintenance and sustainable operation, we ensure parts availability for appliances sold since 1985.

Simple and compact

PERGE MC CI boilers require no electricity for operation. Boiler temperature control and overheating safety are ensured by thermostatic elements that operate under all circumstances. The anti-boiling exchanger is factory-fitted. The stainless steel DHW cylinder is mounted on top of the boiler to save space.
Possibility of coupling with another energy source (oil, pellets, solar, etc.).

Robust and powerful

Its refractory ceramic fireplace prevents dew point.
Combined with a buffer tank, it delivers its full power without complex electronics.
Over 60,000 homes have been heated with PERGE MC log-burning boilers since 1974.

Manufacturer's instructions

Respect the required chimney draught : **from 17 to 22 Pa, i.e. 1.7 mm CE to 2.2 mm CE**
Smoke duct connections must conform to DTU 24.1.
Smoke duct maintenance must comply with the decree of 22/10/1969 and local health regulations.
A thermal safety valve is mandatory.
The closed expansion tank under nitrogen pressure must be correctly sized.

Original model	Details	Ref	€ Excl. tax
MC 5.20 CI (ex 902 007)	**MC 5.20 CI boiler body** **MC 5.20/5.30 CI PF casing** **Smoke nozzle**	**902 014** **902 015** **902 016**	**4 430** **476** **122**
MC 5.30 CI PF (ex 902 011)	**MC 5.30 CI PF boiler body** **MC 5.20/5.30 CI PF casing** **Smoke nozzle**	**902 019** **902 015** **902 016**	**4 980** **476** **122**
MC 5.30 CI GF (ex 902 020)	**MC 5.30 CI GF boiler body** **MC 5.30 CI GF casing** **Smoke nozzle**	**902 017** **902 018** **902 016**	**5 200** **513** **122**
MC 5.20 CI B150 (ex 902 012)	**MC 5.20 CI boiler body** **MC 5.20/5.30 CI PF casing** **Smoke nozzle** **B150 stainless steel tank**	**902 014** **902 015** **902 016** **902 006**	**4 430** **476** **122** **1 645**
MC 5.30 CI PF B150 (ex 902 021)	**MC 5.30 CI PF boiler body** **MC 5.20/5.30 CI PF casing** **Smoke nozzle** **B150 stainless steel tank**	**902 019** **902 015** **902 016** **902 006**	**4 980** **476** **122** **1 645**
MC 5.30 CI GF B150 (ex 902 022)	**MC 5.30 CI GF boiler body** **MC 5.30 CI GF casing** **Smoke nozzle** **B150 stainless steel tank**	**902 017** **902 018** **902 016** **902 006**	**5 200** **513** **122** **1 645**

Required equipment

Designation	Details	Ref	€ Excl. tax
SST	Thermal safety valve to prevent boiler overheating. It must be connected to the anti-boiling exchanger on a system with a closed expansion vessel.	**900 285**	**141**
MT180	180mm diameter draught moderator	**900 467**	**185**

Specific equipment

Designation	Details	Ref	€ Excl. tax
THF	Smoke thermostat for automatic operation of an MC boiler with an log-burning boiler in a single chimney flue. Observe chimney regulations for log-burning boilers.	**900 016** (A)	**150**
Coupling kit MC - Opti	Allows automatic operation of an MC boiler with a PERGE Optitherm oil boiler in a single chimney flue. Observe chimney regulations for log-burning boilers.	**900 112** (A)	**608**
Coupling kit MC - Oil	Allows automatic operation of an MC boiler with any oil boiler in a single flue. Observe chimney regulations for log-burning boilers.	**900 113** (A)	**748**
Electrical kit 3,5 kW	3.5 kW electric back-up heater for DHW production in summer. Delivered with control box, flange and gasket.	**900 289** (A)	**394**
B150	150-litre stainless steel DHW production tank. Mounted on top of the boiler. Natural thermosiphon circulation. Reinforced polyurethane foam insulation. Jacket to be assembled. Delivered with thermostatic mixing valve for hot water temperature.	**902 006**	**1 645**

(A): Eco-participation not included: €0.12

Optional standard accessories

Details	More info, page...
Hydraulic modules	**74**
Room thermostat	**76**
Expansion vessel and safety valve	**75**
Buffer tanks (heating, mixed, with solar coil)	**71**
Accessory kits for buffer tank equipment	**72**
Domestic hot water tanks	**73**
Electric backup heaters	**73**

Other parts available - MC CI

Designation	Ref	€ Excl. tax
High exchanger 5.20 CI High exchanger 5.30 CI Low exchanger 5.20-5.30 CI PF Low exchanger 5.30 CI GF	**991 268** **991 269** **991 222** **991 270**	**2 049** **2 037** **1 916** **2 459**
Cast iron grate 5.20-5.30	**990 576**	**233**

Other parts available - MC CI

Designation	Ref	€ Excl. tax
Load door MC CI Ashtray door MC CI	**991 901** **991 239**	**279** **209**
Draught controller MC CI thermometer Anti-boiling exchanger	**990 201** **991 263** **990 143**	**129** **55** **364**

Technical specifications and dimensions

Designation	MC 5.20 CI	MC 5.20 CI B150	MC 5.30 CI PF	MC 5.30 CI PF B150	MC 5.30 CI GF	MC 5.30 CI GF B150
Output (kW)	20	20	30	30	30	30
Boiler dimensions WxDxH (mm)	600 x 1075 x 1270	600 x 1075 x 2075	600 x 1075 x 1270	600 x 1075 x 2075	600 x 1075 x 1515	600 x 1075 x 2320
Fireplace dimensions WxDxH (mm)	360 x 560 x 670	360 x 560 x 670	360 x 560 x 670	360 x 560 x 670	360 x 560 x 750	360 x 560 x 750
Loading door dimensions (mm))	308 x 308	308 x 308	308 x 308	308 x 308	308 x 308	308 x 308
Right-of-way for door opening (mm)	420	420	420	420	420	420
Water capacity (l)	74	74	74	74	85	85
Heating flow/return diameter	40 / 49 F	40 / 49 F	40 / 49 F	40 / 49 F	40 / 49 F	40 / 49 F
Smoke volume flow at Pmax (m3/h)	102	102	135	135	135	135
Smoke mass flow at Pmax (kg/h)	128	128	169	169	169	169
CO2 rate at maximum power (%)	9,5	9,5	9,5	9,5	9,5	9,5
Smoke nozzle diameter (mm)	180	180	180	180	180	180
Weight (kg)	350	400	365	415	405	455
Number of packages	3	4	3	4	3	4

Combined log-oil boilers

GTEI

Designed to work up to 100% plant based biofuel or 100% hydrotreated vegetable oil

kW **20/24 and 30/24 kW**

Heating only
Heating + DHW production by independent tank

Natural draught

Repairability at the service of our customers

With over 70,000 boilers installed, the MC series offers every guarantee of longevity and reliability.
As part of our policy of maintenance and sustainable operation, we ensure parts availability for appliances sold since 1985.

Simplicity and efficiency

Delivered with a hydraulic connection kit between the 2 boilers, installation is easy.

Thanks to the manifold and smoke thermostat, operation in a single flue is automatic. In this case, the outputs of the 2 boilers are not added together.

The Optitherm 24 C-F30 special GTEI boiler equipped with its burner is ErP 2015 and 2018 certified. It can be installed at any time on an existing MC Classic log-burning boiler: on first installation or at a later date.

Manufacturer's instructions

Make sure you comply with the required chimney draught : **from 13 to 18 Pa 1.3 to 1.8 mm CE**
A thermal safety valve is **mandatory**.
The closed expansion vessel under nitrogen pressure must be correctly sized.

Original model	Designation	Ref	€ Excl. tax
GTEI 20/24 F30 (902 023)	**MC 5.20 Classic boiler body** **MC 5.20 Classic casing** **Special biofuel boiler for stacking on MC Classique log-burning boiler**	**715 000** **902 028** **902 125**	**4 350** **383** **3 460**
GTEI 30/24 F30 (902 024)	**MC 5.30 Classic boiler body** **MC 5.30 Classic casing** **Special biofuel boiler for stacking on MC Classic log-burning boiler**	**715 011** **902 031** **902 125**	**4 740** **475** **3 460**
Optitherm 24 C-F30 special GTEI	**Special biofioul boiler for superimposed installation on MC Classic log-burning boiler** supplied with biofuel burner, hydraulic connection kit between the 2 boilers, manifold and smoke thermostat for operation in a single flue.	**902 125**	**3 460**

All these models - Eco-participation not included: € 5.00

Required equipment

Designation	Details	Ref	€ Excl. tax
SST	Thermal safety valve to prevent boiler overheating. It must be connected to the anti-boiling exchanger on a system with a closed expansion vessel.	**900 285**	**141**
MT180	180mm diameter draught moderator	**900 467**	**185**

Optional standard accessories

Details	More info, page...
Hydraulic modules	**74**
Room thermostat	**76**
Expansion vessel and safety valve	**75**
Buffer tanks (heating, mixed, with solar coil)	**71**
Accessory kits for buffer tank equipment	**72**
Domestic hot water tanks	**73**
Electric backup heaters	**73**

Technical specifications and dimensions - GTEI

Designation	GTEI 20/24	GTEI 30/24	Opti 24 C special GTEI
Nominal output Log (kW)	20	30	/
Nominal output Oil (kW)	24	24	24
Boiler dimensions W x D x H (mm)	570 x 868 x 1790	570 x 868 x 2040	570 x 735 x 740
Smoke diameter Log (mm)	180	180	/
Smoke diameter Oil (mm)	180	180	180
Loading door dimensions WxH (mm)	308 x 308	308 x 308	/
Water capacity (mm)	129	139	70
Weight (kg)	445	485	115
Number of packages	3	3	1

ErP-certified biofuel boilers Eco-design

A complete range up to 64 kW

- Condensation or low-temperature
- Biofuel
- Room sealed or chimney
- Integrated or external DHW
- Steel or stainless steel balloon

THPE condensation compatible with biofuel

✓ = Factory-fitted ◯ = Optional — = Not applicable

Range	OptiCondens Connect	OptiCondens
Page	**54**	**55**
Biofuels	Biofuel	Biofuel
Output (kW)	24 - 32	24 - 32
Services : Heating only	✓	✓
Heating only + DHW	✓	✓
Heating Energy Efficiency Class (according to 813/2013)	A	A
2 heating circuits at different temperatures (underfloor heating + radiators) - Duotherm	✓	✓
Circulating pump heating circuit n°1	✓	✓
Control (class): Class VII (RC7)	✓	—
Class IV (TH4)	—	◯
Class III (RTE3)	—	◯
MyPerge application for Android or IoS smartphone Locally via Bluetooth - Remotely via Internet	✓	—
Smoke evacuation: Chimney	✓	✓
Room sealed	✓	✓
DHW type: Accumulated Integrated	Stainless steel 90 or 150 L	Stainless steel 90 or 150 L
Accumulated external	Enamelled 150 to 500 L	Enamelled 150 to 500 L

What is biofuel?

Biofioul is a new kind of energy. It's a biofuel made from domestic heating oil, to which is added a share of renewable energy in the form of rapeseed methyl ester (RME).

As a renewable energy source, RME enables CO2 emissions to be significantly reduced, below the 300 g/kWh threshold that will be the maximum authorized from July 1, 2022 (see box "New regulatory framework for CO2 emissions").

From fuel oil to biofuel, renewable energy from the regions, for the regions

France's 3rd-largest heating energy source, domestic oil is used in nearly 4 million homes, including over 3 million primary residences. It is mainly used by single-family homes in areas not served by town gas. Its use is particularly important in areas with low winter temperatures. Aware of this regional reality, rapeseed growers, fuel distributors and heating equipment manufacturers have joined forces to offer a renewable energy from the region, for the region.

Low-temperature biofuel compatible

Optitherm Connect	Optitherm with duotherm	Optitherm without Duotherm	Optitherm Duo
58	**59**	**60**	**62**
Biofuel	Biofuel	Biofuel	Biofuel
24 - 32	24 - 32	24 - 32	48 - 56 - 64
✓	✓	✓	✓
✓	✓	✓	○
B	B	B	B
✓	✓	2 heating circuits at identical temperature	1 heating circuit
✓	✓	—	—
✓	—	—	—
—	○	○	○
—	○	○	○
✓	—	—	—
✓	✓	✓	✓
✓	✓	✓	—
Stainless steel 90 or 150 L	Stainless steel 90 or 150 L	Stainless steel 90 or 150 L	—
Enamelled 150 to 500 L	Enamelled 150 to 500 L	Enamelled 150 to 500 L	Enamelled 150 to 500 L

More information on ...

Installation without a mixing valve. Stoptherm prevents dew point in the heating body.

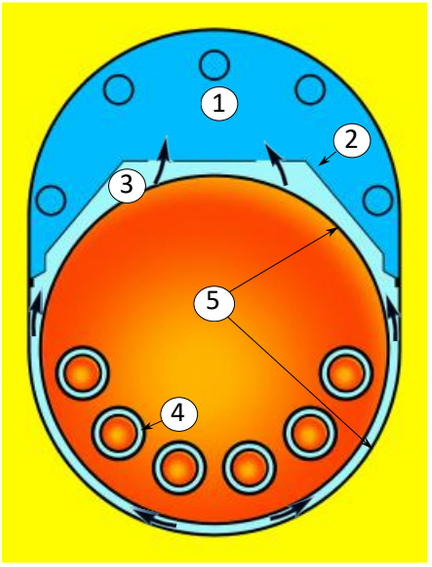
PERGE technology does not impose **minimum temperature constraints, nor the installation of a mixing valve**. The boiler operates in complete safety, with no low-temperature limits on heating returns.

PERGE boilers have a heat transfer fluid divided into two parts, separated by a **Stoptherm** (2). When the burner is running, the small amount of water contained in the perimeter water blade (3) surrounding the firebox and in the boiler's exchanger tubes (4) is brought to a temperature over 60°C.

Dew point is avoided and, at the same time, a thermosyphon circuit is established between the perimeter water blade and the mixing chamber, which is heated by natural circulation. The temperature of the water in the perimeter water blade then stabilizes at between 90 and 95°C for as long as the burner is in operation.

One or more independent, direct circuits link the mixing chamber (1) to the heating installation, with no possibility of cold returns reaching the exchange surfaces.

This eliminates the risk of corrosion and ensures a long boiler life.



1 - Mixing chamber
2 - Stoptherm
3 - Perimeter water blade
4 - Water blade in exchanger tubes
5 - Exchange surfaces

Modulation of the power returned to the water from 0 to 100% without loss of efficiencyt

PERGE boilers operate without minimum temperature constraints, giving them another very interesting advantage: the heating temperature can be **modulated completely**, without limit, over the entire range of requirements (**from 0 to 100% of boiler output**).

Short cycles are avoided thanks to the large water volume in the mixing chamber.

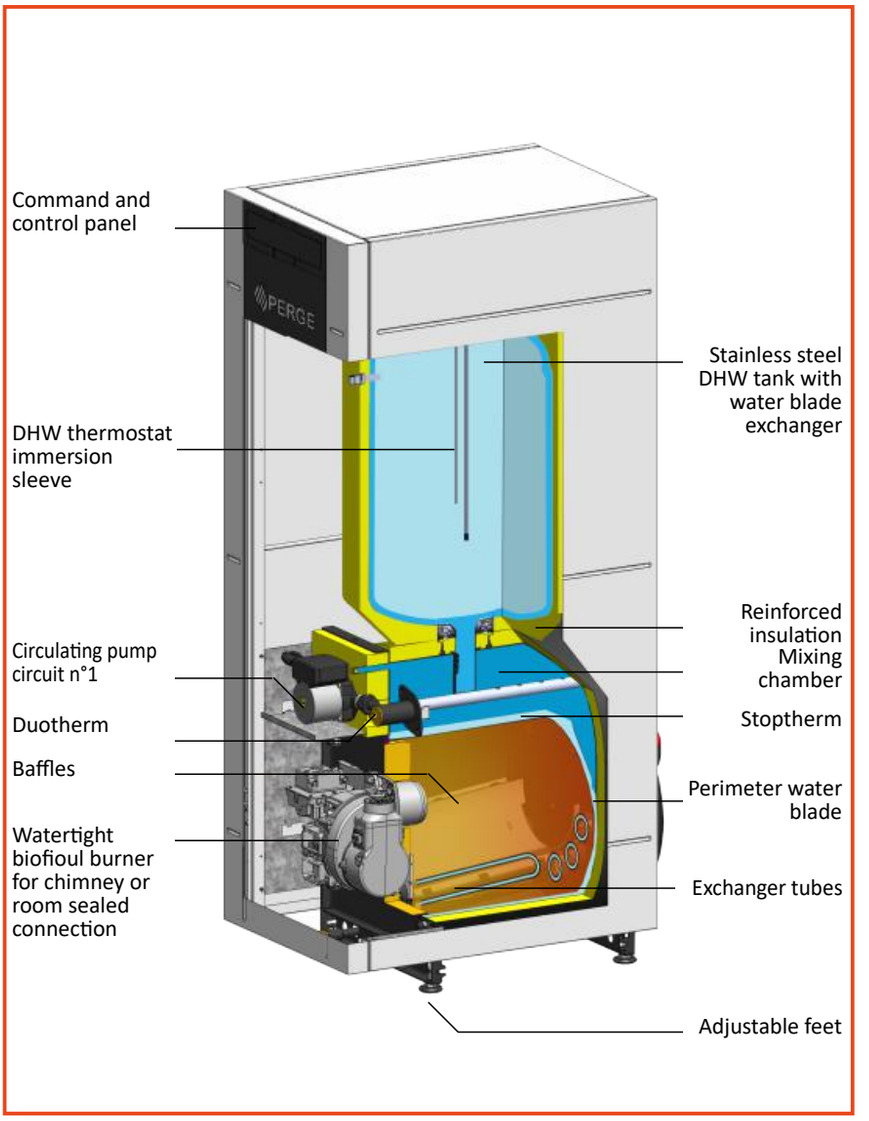
The burner, operating at nominal output, guarantees optimum efficiency at all times, with no superfluous electronics.

The boiler operates safely at a temperature adjusted to the real needs of the moment, with **no loss of efficiency**.

This high level of efficiency is backed up by very low annual maintenance costs*.

The results obtained in the **Ecodesign certification** test centers attest to the very high performance level of PERGE oil-fired boilers.

** Takes into account boiler shutdown losses and the consumption required to maintain a minimum temperature to avoid dew point. PERGE boilers, by design, do not have this minimum temperature constraint.*



More information on ...

Two heating circuits at different temperatures (underfloor heating + radiators) directly from the boiler.

PERGE oil boilers equipped with the **Duotherm-System** (PERGE patent) can supply **two heating circuits at different temperatures** (e.g. underfloor heating and radiator heating) directly from the boiler. Each circuit is distributed at the required temperature, without mixing valves or motorization.

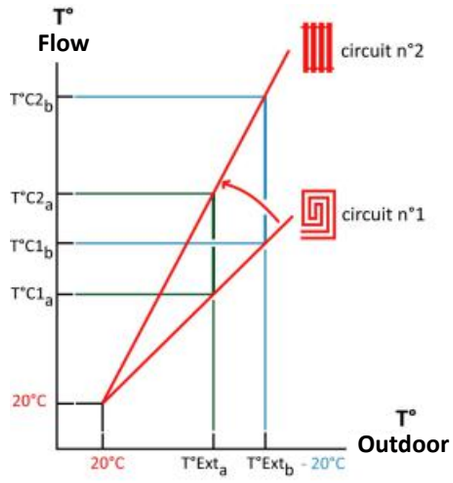
The **Duotherm-System** is based on the fixed by-pass principle of injection and re-injection. The slope of the controller determines and regulates the flow temperature of the heating circuit on which the controller sensor is placed (in our example, circuit n°1). The **Duotherm-System** setting creates a second slope which determines and regulates the temperature of circuit n°2.

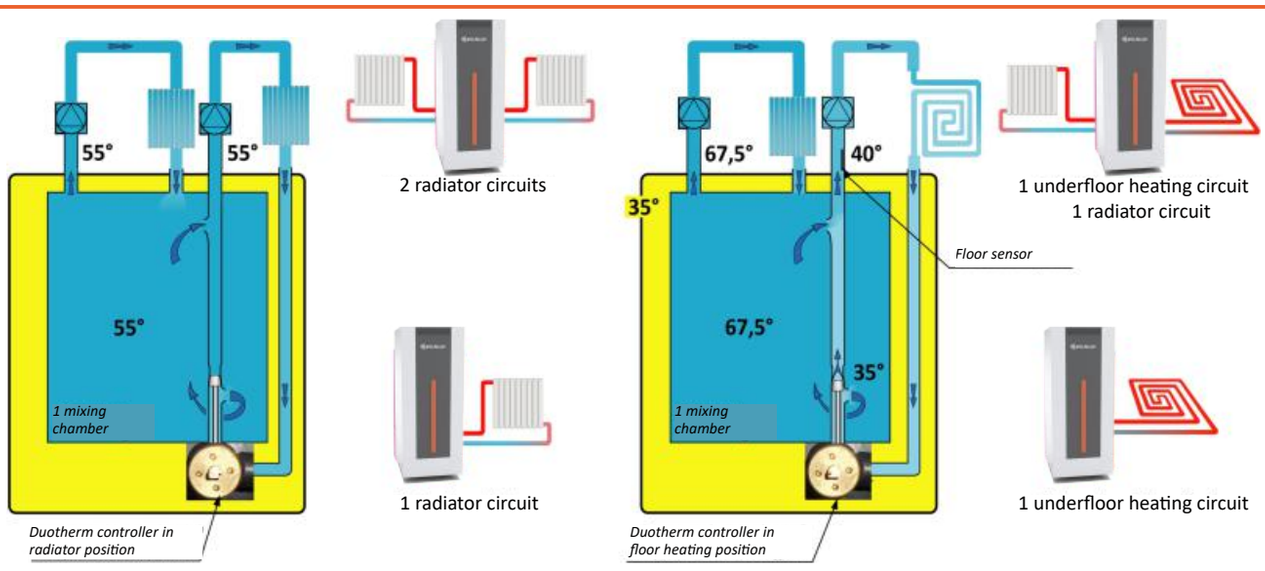
In this way, there are two heating circuits, regulated at different temperatures, without mixing valves or motorization, and with a single controller.

The Duotherm-System saves on the accessories inherent in this type of installation with a conventional boiler (mixing valve, valve motorization, controller, etc.) and ensures optimum comfort.

Oil boilers equipped with the Duotherm-System are :
- **Optitherm** low-temperature boilers **with Duotherm**
- **OptiCondens** condensing boilers

Heating curves





Note: Each of the above configurations can be implemented using a boiler with or without domestic hot water production

RC7: Climate controller with connected room correction (class VII)

Water law settings based on **slope**, **parallel offset** and **maximum outdoor operating temperature**.

Water law correction based on discrepancies between requested and measured room T° (1 room sensor per heating circuit), with possibility to set
- **compensation activation threshold** (default 1°C)
- **compensation reactivity** (stronger or weaker effect on boiler temperature)

3 heating circuits or 2 heating circuits + 1 DHW circuit

Outdoor sensor and radio or wired room sensor

Programming for each heating circuit of **comfort, eco and absence** temperatures
Programming of **T° and DHW operating ranges**

2 access levels :
- **User** (functions linked to **room T°**)
- **Professional** (**User functionalities + boiler operation settings**, **alerts** display, etc.)

Local connection via Bluetooth or **remote connection via Internet** using a smartphone.

The user can **"close" the boiler to an external connection** and "open" it only for the duration of the professional's intervention.

Biofuel condensing connected boilers

OptiCondens Connect

kW **24 to 32 kW**

Biofuel

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Duotherm =
2 heating circuits at different temperatures directly without mixing valve

Chimney / Room sealed

RC7 Inside · Certifiée THPE ErP 2018 · A · Warranty 10 years Boiler body

Material for room sealed connection : the smoke duct can be made of **PPTL**.

Maximum connection distance :
- Horizonta lroom sealed type C13 : 1 90° bend pipe+ 4 lengths of 1 m + terminal C13
- room sealed type C33 : 5 lengths of 1 m + terminal C33
- room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of B32/B33, minimum chimney section 14 cm side length

Equipment available on all models:
- Heating body without mixing valve, allowing operation without return temperature limitation, with no risk of dew point inside the heating body.
> **Biofuel burner** : FE24-Bio30/FE32-Bio30 low-NOx burner using Biofuel up to 100% rapeseed FAME.
- 904L stainless steel tube bundle condenser
- Circulating pump circuit n°1
- Control and command panel
- **RC7: Class VII boiler temperature control** based on outdoor temperature, water law correction based on room data. Local piloting via Bluetooth or remote piloting via Internet > **More information on page 15**
- Reinforced insulation casing

V: Room sealed boiler for connection to the chimney flue or by concentric duct with horizontal or vertical outlet.
D: Duotherm system for direct powering of 2 heating circuits at different temperatures

Domestic hot water :
C: Heating only
B: Heating and domestic hot water production by 90 l (B90) or 150 l (B150) stainless steel cylinder

Designation OptiCondens Connect	kW	DHW Stain.	RC7	Seer	Ref	€ Excl. tax
Biofuel						
24 C-F30VDR	**24**	**/**	●	**91,0**	**916 590**	**5 970**
32 C-F30VDR	**32**	**/**	●	**93,2**	**916 591**	**6 430**
24 B90-F30VDR	**24**	**90 L**	●	**91,0**	**916 592**	**7 470**
24 B150-F30VDR	**24**	**150 L**	●	**91,0**	**916 593**	**7 820**
32 B150-F30VDR	**32**	**150 L**	●	**93,2**	**916 594**	**8 280**

● *Factory-fitted*

All these models - Eco-participation not included: € 5.00

Connect: Required accessories 1 room sensor per circuit and 1 outdoor sensor

Designation	Details	Ref	€ Excl. tax
Wired C+ outdoor sensor	Connection via 2 wires 0.75 mm2 max. not included.	**900 600**	**55**
Radio C+ out. or room sensor	Supplied with batteries.	**900 601**	**115**
Wired C+ room sensor	Connection via 2 wires 0.75 mm2 max. not included.	**900 602**	**54**
Radio C+ out. or room sensor	Supplied with batteries.	**900 601**	**115**
Wired C+ room sensor with manual comfort	2-wire connection 0.75 mm2 max. not included. Comfort T° manual setting	**900 604**	**75**
Radio C+ room sensor with manual comfort	Supplied with batteries. Comfort temperature manual setting.	**900 605**	**138**

Biofuel condensing boilers

OptiCondens

24 to 32 kW

Biofuel

Duotherm =
2 heating circuits at different temperatures directly without mixing valve

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Chimney / Room sealed

Certifiée THPE ErP 2018

A

Warranty 10 years Boiler body

Material for room sealed connection : the smoke duct can be made of **PPTL**.

Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° bend pipe+ 4 lengths of 1 m + terminal C13
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of B32/B33, minimum chimney section 14 cm side length

Details	Designation OptiCondens	kW	DHW Stain.	RTE3 TH4	Seer	Ref	€ Excl. tax
Equipment available on all models: - Heating body without mixing valve, allowing operation without return temperature limitation, with no risk of dew point inside the heating body. > **Biofuel burner** : FE24-Bio30/FE32-Bio30 low-NOx burner using Biofuel up to 100% rapeseed FAME. - 904L stainless steel tube bundle condenser - Circulating pump circuit n°1 - Control and command panel - Reinforced insulation casing V: Room sealed boiler for connection to the chimney flue or by concentric duct with horizontal or vertical outlet . D: Duotherm system for direct powering of 2 heating circuits at different temperatures **Domestic hot water :** C: Heating only B: Heating and domestic hot water production by 90 l (B90) or 150 l (B150) stainless steel cylinder	**Biofuel**						
	24 C-F30VD	**24**	**/**	○	**91,0**	**916 080**	**5 160**
	32 C-F30VD	**32**	**/**	○	**93,2**	**916 081**	**5 620**
	24 B90-F30VD	**24**	**90 L**	○	**91,0**	**916 082**	**6 660**
	24 B150-F30VD	**24**	**150 L**	○	**91,0**	**916 083**	**7 010**
	32 B150-F30VD	**32**	**150 L**	○	**93,2**	**916 084**	**7 470**

○ *Optional* *All these models - Eco-participation not included: € 5.00*

OptiCondens Connect : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHS **MHS-FM**	**Hydraulic module without circulating pump (for circuit n°1 - circulating pump already fitted in boiler)** More information on page 74	**900 445** **900 499**	**270** **410**
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 74	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating system on circuit n°2)** More information on page 74	**900 493** **900 616**	**523** **663**
D.H.W. Priority			
MHP RC7 **MHP RC7-FM**	**DHW priority hydraulic module for connected boiler** More information on page 75	**900 478** **900 613**	**437** **568**
Sensor T° DHW	Temperature sensor for independent tank and existing charge pump. Allows control of DHW priority with RC7 controller.	**992 041** (B)	**12**

All accessories except B - Eco-participation not included: €0.12

OptiCondens : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHS **MHS-FM**	**Hydraulic module without circulating pump (for circuit n°1 - circulating pump already fitted in boiler)** More information on page 7	**900 445** **900 499**	**270** **410**
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 76	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating system on circuit n°2)** More information on page 76	**900 493** **900 616**	**523** **663**
D.H.W. Priority			
MHP **MHP-FM**	**DHW priority hydraulic module** More information on page 77	**900 444** **900 498**	**452** **583**
DHW Thermostat	DHW thermostat for independent tank. Supplied with box, wiring and connectors for electrical connection.	**900 549**	**93**
Room thermostat			
TH4-F Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 470**	**61**
TH4-F CL4 Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 410**	**103**
TH4-R Radio	Class IV radio room thermostat inluding a weekly-programmable transmitter and a compact 868 MHz receiver. Action possible on circulating pump or burner.	**900 471**	**164**
TH4-R CL4 Connectable Radio	Class IV radio room thermostat including weekly-programmable transmitter and receiver. Can be controlled via Internet. Action on circulating pump or burner.	**900 411**	**240**
Climate control			
RTE3	Class III climate control with burner action, including: controller with plug-in connector cable, flow sensor, outdoor sensor.	**900 132**	**390**

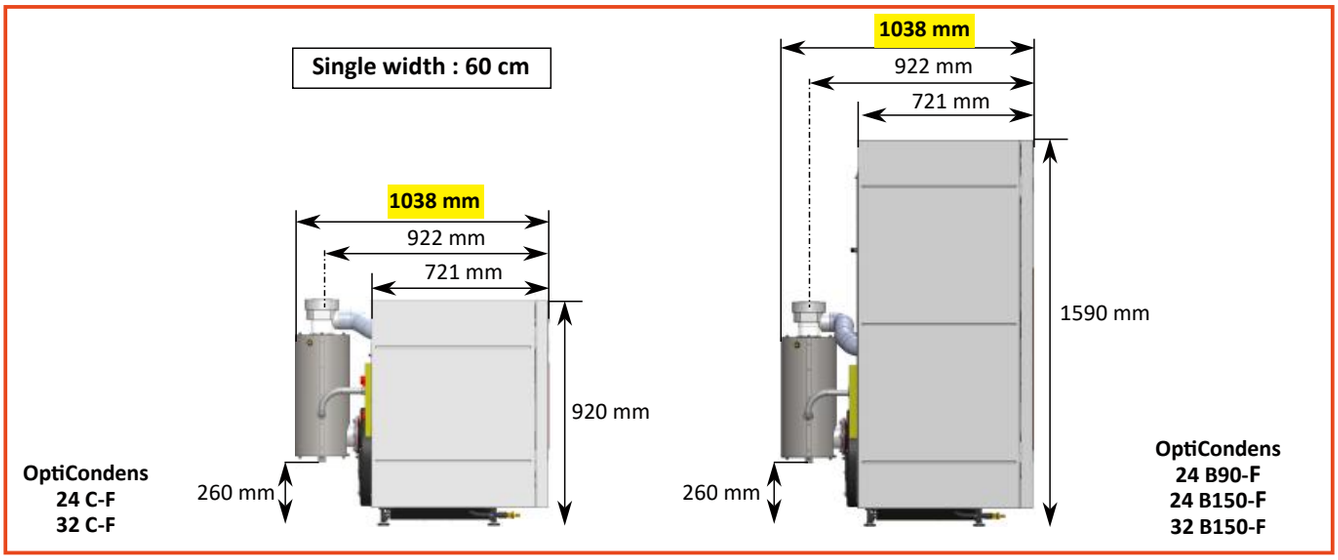
All these accessories - Eco-participation not included: €0.12

Details	More info, page...
Expansion vessel and safety valve	**75**
Domestic hot water tanks	**73**
Electric backup heaters	**73**

Technical and dimensional specifications

Designation	24 C-F	32 C-F	24 B90-F	24 B150-F	32 B150-F
Nominal thermal output (kW)	24,2	31,9	24,2	24,2	31,9
Useful output P_4 at 100% load and 80°/60° speed (kW)	23,7	31,1	23,7	23,7	31,1
Useful output P_1 at 30% load and 37° return (kW)	7,4	10,0	7,4	7,4	10,0
Eta_4 efficiency at 100% load and 80°/60° speed (%)	98,0	97,4	98,0	98,0	97,4
Eta_1 efficiency at 30% load and 37° return (%)	102,3	104,6	102,3	102,3	104,6
elmax auxiliary electricity consumption at full load (W)	141	141	141	141	141
elmin auxiliary electricity consumption at partial load (W)	49	49	49	49	49
P_{SB} auxiliary electricity consumption in standby mode (W)	1	1	1	1	1
P_{stby} steady-state heat losses (W)	123	147	140	146	163
NOx emissions (mg/kWh)	95	99	95	95	99
Seasonal energy efficiency Ratio Seer (%) of boiler (*)	91,0	93,2	91,0	91,0	93,2
Heating Energy Efficiency Class (according to **813/2013**)	**A**	**A**	**A**	**A**	**A**
DHW tank volume (l)	/	/	90	150	150
Declared load profile	/	/	XL	XL	XL
Q_{elec} daily electricity consumption (Wh)	/	/	0,19	0,16	0,20
Q_{fuel} daily fuel consumption (Wh)	/	/	24,52	24,62	27,50
Eta_{wh} energy efficiency for water heating (%)	/	/	77,8	77,5	69,4
Sanitary Energy Efficiency Class	/	/	**B**	**B**	**B**
Smoke outlet diameter (mm)	80 / 125	80 / 125	80 / 125	80 / 125	80 / 125
Weight without packaging (kg)	166	176	218	228	238
Number of packages	1	1	1	1	1

**: the boiler's Seasonal Energy Efficiency Ratio SEER (without regulation) is the one taken into account for CITE and CEE eligibility.*



Low-temperature connected biofuel boilers

Optitherm Connect

kW 24 to 32 kW

Biofuel

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Chimney or
Room sealed

RC7 Inside · Certifiée ErP 2018 · Warranty 10 years Boiler body

Chimney version : Given the high performance of PERGE boilers, it is essential to pipe the smoke duct in compliance with current regulations.

Material for room sealed connection: the smoke duct must be made of **stainless steel**.
Room sealed version - Maximum connection distance : see opposite page.

Equipment available on all models :

- Heating body without mixing valve, allowing operation without return temperature limitation, with no risk of dew point.
> **Biofuel burner** : FE24-Bio30/FE32-Bio30 low-NOx burner using Biofuel up to 100% rapeseed FAME.
- 2 heating circuits with identical or different temperatures (ideal for underfloor heating and radiators - Duotherm system)
- heating circulating pump circuit n°1 fitted
- Control and command panel
- **RC7: Class VII boiler temperature control** based on outdoor temperature, water law correction based on room data. Local piloting via Bluetooth or remote piloting via Internet > **More information on page 15**
- Reinforced insulation casing

V: Room sealed boiler for connection to the chimney flue or by concentric duct with horizontal or vertical outlet.
D: Duotherm system for direct powering of 2 heating circuits at different temperatures

Domestic hot water :

C: Heating only
B: Heating and domestic hot water production by 90 l (B90) or 150 l (B150) stainless steel cylinder

Details	Designation Optitherm Connect	kW	DHW Stain.	RC7	Seer	Ref	€ Excl. tax
	Biofuel - chimney						
	24 C-F30DR	24	/	●	86,3	916 520	4 700
	32 C-F30DR	32	/	●	86,9	916 521	5 160
	24 B90-F30DR	24	90 L	●	86,2	916 522	6 150
	24 B150-F30DR	24	150 L	●	86,2	916 523	6 500
	32 B150-F30DR	32	150 L	●	86,9	916 524	6 960
	Biofuel - room sealed						
	24 C-F30VDR	24	/	●	86,3	916 620	5 200
	32 C-F30VDR	32	/	●	86,9	916 621	5 660
	24 B90-F30VDR	24	90 L	●	86,2	916 622	6 650
	24 B150-F30VDR	24	150 L	●	86,2	916 623	7 000
	32 B150-F30VDR	32	150 L	●	86,9	916 624	7 460

● *Factory-fitted*

All these models - Eco-participation not included: € 5.00

Connect: Required accessories 1 room sensor per circuit and 1 outdoor sensor

Designation	Details	Ref	€ Excl. tax
Wired C+ outdoor sensor	Connection via 2 wires 0.75 mm2 max. not included.	900 600	55
Radio C+ out. or room sensor	Supplied with batteries.	900 601	115
Wired C+ room sensor	Connection via 2 wires 0.75 mm2 max. not included.	900 602	54
Radio C+ out. or room sensor	Supplied with batteries.	900 601	115
Wired C+ room sensor with manual comfort	2-wire connection 0.75 mm2 max. not included. Comfort T° manual setting	900 604	75
Radio C+ room sensor with manual comfort	Supplied with batteries. Comfort temperature manual setting.	900 605	138

Low-temperature biofuel boilers WITH Duotherm

Optitherm

kW 24 to 32 kW

Biofuel

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Duotherm =
2 heating circuits
at different temperatures
direct
without mixing valve

Chimney or
Room sealed

Certifiée ErP 2018

Warranty 10 years Boiler body

Chimney version : Given the high performance of PERGE boilers, it is essential to pipe the smoke duct in compliance with current regulations.

Material for room sealed connection: the smoke duct must be made of **stainless steel**.
Flue version - Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° bend pipe+ 4 lengths of 1 m + terminal C13
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of B32/B33, minimum chimney section 14 cm side length

Details	Designation Optitherm	kW	DHW Stain.	RTE3 TH4	Seer	Ref	€ Excl. tax
Equipment available on all models : - Heating body without mixing valve, allowing operation without return temperature limitation, with no risk of dew point. - 2 heating circuits with identical or different temperatures (ideal for underfloor heating and radiators - Duotherm system) - heating circulating pump circuit n°1 fitted - Control and command panel > **Biofuel burner** : FE24-Bio30/FE32-Bio30 low-NOx burner using Biofuel up to 100% rapeseed FAME. - Reinforced casing and insulation V: Room sealed boiler for connection to the chimney flue or by concentric duct with horizontal or vertical outlet. D: Duotherm system for direct powering of 2 heating circuits at different temperatures **Domestic hot water :** C: Heating only B: Heating and domestic hot water production by 90 l (B90) or 150 l (B150) stainless steel cylinder	**Biofuel - chimney**						
	24 C-F30D	**24**	**/**	○	**86,3**	**916 030**	**3 890**
	32 C-F30D	**32**	**/**	○	**86,9**	**916 031**	**4 350**
	24 B90-F30D	**24**	**90 L**	○	**86,2**	**916 032**	**5 340**
	24 B150-F30D	**24**	**150 L**	○	**86,2**	**916 033**	**5 690**
	32 B150-F30D	**32**	**150 L**	○	**86,9**	**916 034**	**6 150**
	Biofuel - room sealed						
	24 C-F30VD	**24**	**/**	○	**86,3**	**916 130**	**4 390**
	32 C-F30VD	**32**	**/**	○	**86,9**	**916 131**	**4 850**
	24 B90-F30VD	**24**	**90 L**	○	**86,2**	**916 132**	**5 840**
	24 B150-F30VD	**24**	**150 L**	○	**86,2**	**916 133**	**6 190**
	32 B150-F30VD	**32**	**150 L**	○	**86,9**	**916 134**	**6 650**

○ *Optional*

All these models - Eco-participation not included: € 5.00

Optional standard accessories

Details	Page	Details	Page	Details	Page
Expansion vessel and valve	**75**	**DHW Tanks**	**73**	**Electric backup heaters**	**73**

Low-temperature biofuel boilers WITHOUT Duotherm

Optitherm

Biofuel

24 to 32 kW

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Chimney or
Room sealed

Certifiée ErP 2018

Warranty 10 years Boiler body

Chimney version : Given the high performance of PERGE boilers, it is essential to pipe the smoke duct in compliance with current regulations.

Material for room sealed connection: the smoke duct must be made of **stainless steel**.
Room sealed version - Maximum connection distance :
- Horizontal room sealed type C13 : 1 90° bend pipe+ 4 lengths of 1 m + terminal C13
- Room sealed type C33 : 5 lengths of 1 m + terminal C33
- Room sealed type B22/B23 or B32/B33 : 1 bend pipe 90° + 1 adaptor + 1 T pipe 90° + 12 m
Smoke diameter higher than or equal to 125 mm over 6 m
In the case of B32/B33, minimum chimney section 14 cm side length

Details	Designation Optitherm	kW	DHW Stain.	RTE3 TH4	Seer	Ref	€ Excl. tax
Equipment available on all models : - Heating body without mixing valve, allowing operation without return temperature limitation, with no risk of dew point. - 2 heating circuits with identical or different temperatures (ideal for underfloor heating and radiators - Duotherm system) - heating circulating pump circuit n°1 fitted - Control and command panel > **Biofuel burner** : FE24-Bio30/FE32-Bio30 low-NOx burner using Biofuel up to 100% rapeseed FAME. - Reinforced casing and insulation V: Room sealed boiler for connection to the chimney flue or by concentric duct with horizontal or vertical outlet. **Domestic hot water :** C: Heating only B: Heating and domestic hot water production by 90 l (B90) or 150 l (B150) stainless steel cylinder	**Biofuel - chimney**						
	24 C-F30	**24**	**/**	○	**86,3**	**916 010**	**3 390**
	32 C-F30	**32**	**/**	○	**86,9**	**916 011**	**3 850**
	24 B90-F30	**24**	**90 L**	○	**86,2**	**916 012**	**4 840**
	24 B150-F30	**24**	**150 L**	○	**86,2**	**916 013**	**5 190**
	32 B150-F30	**32**	**150 L**	○	**86,9**	**916 014**	**5 650**
	Biofuel - room sealed						
	24 C-F30V	**24**	**/**	○	**86,3**	**916 110**	**3 890**
	32 C-F30V	**32**	**/**	○	**86,9**	**916 111**	**4 350**
	24 B90-F30V	**24**	**90 L**	○	**86,2**	**916 112**	**5 340**
	24 B150-F30V	**24**	**150 L**	○	**86,2**	**916 113**	**5 690**
	32 B150-F30V	**32**	**150 L**	○	**86,9**	**916 114**	**6 150**

○ *Optional*

All these models - Eco-participation not included: € 5.00

Optional standard accessories

Details	Page	Details	Page	Details	Page
Expansion vessel and valve	**75**	**DHW Tanks**	**73**	**Electric backup heaters**	**73**

Optitherm Connect : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHS **MHS-FM**	**Hydraulic module without circulating pump (for circuit n°1 - circulating pump already fitted in boiler)** More information on page 74	**900 445** **900 499**	**270** **410**
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 74	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating on circuit n°2)** More information on page 74	**900 493** **900 616**	**523** **663**
D.H.W. Priority			
MHP RC7 **MHP RC7-FM**	**DHW priority hydraulic module for connected boiler** More information on page 75	**900 478** **900 613**	**437** **568**
DHW T° Sensor	Temperature sensor for independent storage tank and existing charge pump. Allows control of DHW priority with RC7 control.	**992 041** (B)	**12**

Optitherm with Duotherm : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHS **MHS-FM**	**Hydraulic module without circulating pump (for circuit n°1 - circulating pump already fitted in boiler)** More information on page 74	**900 445** **900 499**	**270** **410**
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 74	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating on circuit n°2)** More information on page 74	**900 493** **900 616**	**523** **663**

Optitherm without Duotherm : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 74	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating on circuit n°2)** More information on page 74	**900 493** **900 616**	**523** **663**
Internal hydraulic accessories			
Kit C1 integrated 24	Circulating pump kit for integration in Optitherm 24 without Duotherm.	**900 133**	**366**
Kit C1 integrated 32	Circulating pump kit for integration in Optitherm 32 without Duotherm.	**900 134**	**366**
Kit Duotherm 24	Circulating pump + Duotherm kit for Optitherm 24 without Duotherm	**900 439**	**473**
Kit Duotherm 32	Circulating pump + Duotherm kit for an Optitherm 32 without Duotherm	**900 440**	**473**

Optitherm with or without Duotherm : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
D.H.W. Priority			
MHP **MHP-FM**	**DHW priority hydraulic module** More information on page 75	**900 444** **900 498**	**452** **583**
DHW Thermostat	DHW thermostat for independent tank. Supplied with box, wiring and connectors for electrical connection.	**900 549**	**93**
Room and control thermostat			
TH4-F Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 470**	**61**
TH4-F CL4 Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 410**	**103**
TH4-R Radio	Class IV radio room thermostat comprising a weekly-programmable transmitter and a compact 868 MHz receiver. Action possible on circulating pump or burner.	**900 471**	**164**
TH4-R CL4 Connectable radio	Class IV radio room thermostat including weekly-programmable transmitter and receiver. Can be controlled via Internet. Action on circulating pump or burner.	**900 411**	**240**
Room and control thermostat			
RTE3	Class III climate controller with burner action including: controller with plug-in connector cable, flow sensor, outdoor sensor.	**900 132**	**390**

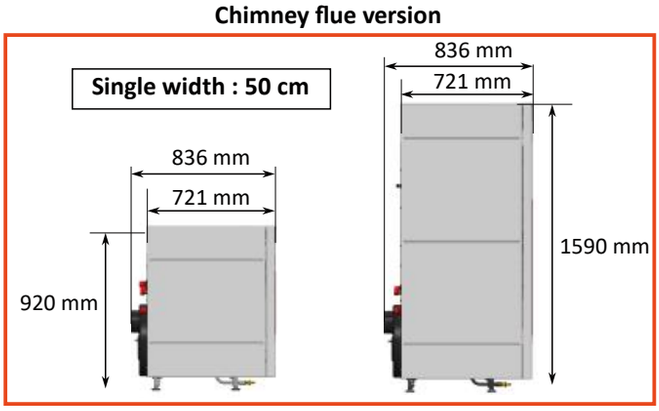
All these accessories - Eco-participation not included: €0.12

Technical and dimensional specifications

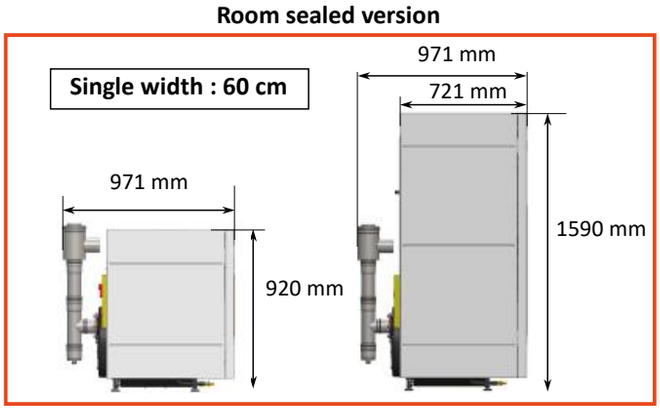
Model	24 C-F	32 C-F	24 B90-F	24 B150-F	32 B150-F
Nominal thermal output (kW)	24,6	33,8	24,6	24,6	33,8
Useful output P_4 at 100% load and 80°/60° speed (kW)	23,5	32,1	23,5	23,5	32,1
Useful output P_1 at 30% load and 37° return (kW)	7,1	9,6	7,1	7,1	9,6
Eta_4 efficiency at 100% load and 80°/60° speed (%)	95,5	95,1	95,5	95,5	95,1
Eta_1 efficiency at 30% load and 37° return (%)	97,1	97,3	97,1	97, 1	97,3
elmax auxiliary electricity consumption at full load (W)	141	141	141	141	141
elmin auxiliary electricity consumption at partial load (W)	49	49	49	49	49
P_{SB} auxiliary electricity consumption in standby mode (W)	1	1	1	1	1
P_{stby} steady-state heat losses (W)	158	172	175	181	188
NOx emissions (mg/kWh)	110	104	110	110	104
Seasonal energy efficiency Ratio Seer (%) of boiler (*)	86,3	86,9	86,2	86,2	86,9
Heating Energy Efficiency Class (according to **813/2013**)	**B**	**B**	**B**	**B**	**B**
DHW tank volume (l)	/	/	90	150	150
Declared load profile	/	/	XL	XL	XL
Q_{elec} daily electricity consumption (Wh)	/	/	0,19	0,16	0,20
Q_{fuel} daily fuel consumption (Wh)	/	/	24,52	24,62	27,50
Rendement énergétique Eta_{wh} pour le chauffage de l'eau (%)	/	/	77,8	77,5	69,4
Sanitary Energy Efficiency Class	/	/	**B**	**B**	**B**
Smoke nozzle diameter (mm)	125	150	125	125	150
Room sealed outlet diameter (mm)	80 / 125	80 / 125	80 / 125	80 / 125	80 / 125
Weight without packaging (kg)	148	158	200	210	220
Number of packages	1	1	1	1	1

**: the boiler's Seasonal Energy Efficiency Ratio SEER (without regulation) is the one taken into account for CITE and CEE eligibility.*

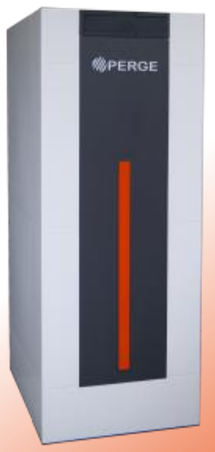
Chimney flue version



Room sealed version



100% biofuel compatible



Low-temperature biofuel boilers medium power

Optitherm DUO

kW 48, 56 to 64 kW

Biofuel

Heating only
Heating + DHW production by 90 or 150 L stainless steel tank

Chimney

Certifiée ErP 2018

Warranty 10 years Boiler body

Chimney version : Given the high performance of PERGE boilers, it is essential to pipe the smoke duct in compliance with current regulations.

Details	Designation Optitherm	kW	DHW External	RTE3 TH4	Seer	Ref	€ Excl. tax
Equipment available on all models : - 2 heating bodies in series, allowing operation without a mixing valve, with no return temperature limitation and no risk of dew point. > **2 Biofioul burners** : FE24-Bio30/FE32-Bio30 low-NOx burner using biofuel made from up to 100% rapeseed FAME. - Reinforced casing and insulation **Domestic hot water :** C: Heating only Domestic hot water is produced by independent external DHW cylinders. The control panel incorporates a DHW priority.	**Biofuel - chimney**						
	24 + 24 C-F30	**48**	O	O	**86,3**	**916 015**	**6 290**
	24 + 32 C-F30	**56**	O	O	**86,9**	**916 016**	**6 690**
	32 + 32 C-F30	**64**	O	O	**86,2**	**916 017**	**7 090**
	O *Optional*				*All these models - Eco-participation not included: € 5.00*		

Optitherm Duo : Specific optional equipment

Designation	Details	Ref	€ Excl. tax
Heating circuit			
MHD **MHD-FM**	**Direct hydraulic module (for circuit n°2)** More information on page 76	**900 420** **900 494**	**407** **538**
MH2X **MH2X-FM**	**Direct hydraulic module (for a 2nd underfloor heating system on circuit n°2)** More information on page 76	**900 493** **900 616**	**523** **663**
Room thermostat and control			
TH4-F Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 470**	**61**
TH4-R Radio	Class IV radio room thermostat comprising a weekly-programmable transmitter and a compact 868 MHz receiver. Action possible on circulating pump or burner.	**900 471**	**164**
RTE3	Class III climate controller with burner action including: controller with plug-in connector cable, flow sensor, outdoor sensor.	**900 132**	**390**
CASCADE 3	Controller for 3-stage cascade system, i.e. 3 burners or 3 Duo boilers (in this case, the 2 boiler burners switch on at the same time). This controller completes the system's climate control.	**900 658**	**669**
CASCADE 4	Controller for 4-stage cascade system, i.e. 4 burners or 4 Duo boilers (in this case, the 2 boiler burners switch on at the same time). This controller completes the system's climate control.	**900 659**	**997**
Smoke manifold option			
Smoke manifold	Smoke manifold combining the nozzles of 2 heating bodies into a common outlet with a diameter of 200mm.	**900 656**	**590**

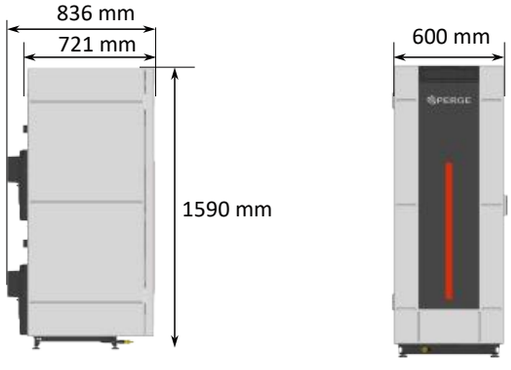
All these accessories - Eco-participation not included: €0.12

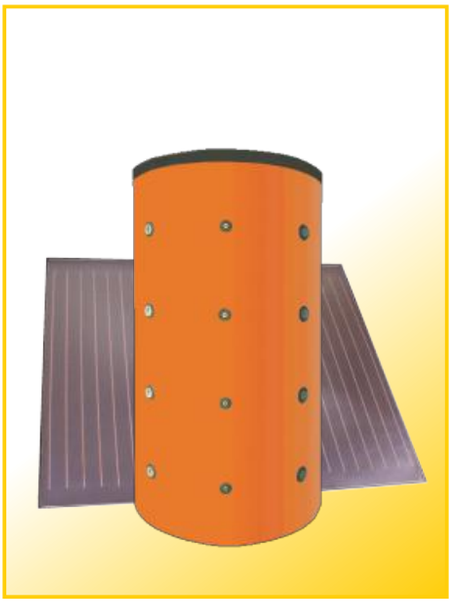
Technical and dimensional specifications

Model	24+24 C-F30	24+32 C-F30	32+32 C-F30
Nominal thermal output (kW)	49,2	58,4	67,6
Boiler N°1			
Nominal thermal output (kW)	24,6	24,6	33,8
P_4 useful output at 100% load and 80°/60° speed (kW)	23,5	23,5	32,1
P_1 useful output at 30% load and 37° return (kW)	7,1	7,1	9,6
Eta_4 efficiency at 100% load and 80°/60° speed (%)	95,5	95,5	95,1
Eta_1 Rendement Eta1 à charge 30% et retour 37° (%)	97,1	97, 1	97,3
elmax auxiliary electricity consumption at full load (W)	141	141	141
elmin auxiliary electricity consumption at partial load (W)	49	49	49
P_{SB} auxiliary electricity consumption in standby mode (W)	1	1	1
P_{stby} steady-state heat losses (W)	175	181	188
NOx emissions (mg/kWh)	110	110	104
Seasonal Energy Efficiency Ratio Seer (%) of boiler (*)	86,2	86,2	86,9
Energy efficiency class Heating without regulation (according to **813/2013**)	**B**	**B**	**B**
Boiler N°2			
Nominal thermal output (kW)	24,6	33,8	33,8
P_4 useful output at 100% load and 80°/60° speed (kW)	23,5	32,1	32,1
P_1 useful output at 30% load and 37° return (kW)	7,1	9,6	9,6
Eta_4 efficiency at 100% load and 80°/60° speed (%)	95,5	95,1	95,1
Eta_1 Rendement Eta1 à charge 30% et retour 37° (%)	97,1	97,3	97,3
elmax auxiliary electricity consumption at full load (W)	141	141	141
elmin auxiliary electricity consumption at partial load (W)	49	49	49
P_{SB} auxiliary electricity consumption in standby mode (W)	1	1	1
P_{stby} steady-state heat losses (W)	175	188	188
NOx emissions (mg/kWh)	110	104	104
Seasonal Energy Efficiency Ratio Seer (%) of boiler (*)	86,2	86,9	86,9
Energy efficiency class Heating without regulation (according to **813/2013**)	**B**	**B**	**B**
Diameter of smoke nozzle (mm)	150	150	150
Diameter of smoke manifold outlet (mm)	200	200	200
Weight without packaging (kg)	296	306	316
Number of packages	1	1	1

**: the boiler's Seasonal Energy Efficiency Ratio Seer(without regulation) is the one taken into account for CITE and CEE eligibility.*

Chimney Version





CombiSolar

Combined solar thermal systems
Hydro-storage volume from 1,000 to 1,500 liters
Heating only or Heating and DHW production
Ideal for coupling with existing or new boiler.

Certification
Solar KeyMark
sensors
078/000381

Components

- C2500 D12C collectors (see specifications on page 68)
- Profiled cross-members for roof-parallel installation or frame for ground-mounted installation with 60° tilt angle
- solar transfer unit with circulating pump, safety valve and degassing
- solar expansion vessel
- ready-to-use heat transfer fluid
- stratified hydro-storage tank with solar exchanger
- integrated enamelled DHW tank for mixed models
- solar controller for 1 or 2 sensor zones and back-up energy
- thermostatic mixing valve for DHW production models.

Designation	Numbers collectors and Input area (m2)	Sensor mounting type	Solar vessel volume l	Heat transfer fluid volume l	Total tank capacity l	DHW tank capacity l	Ref	€ Excl. tax
Heating only								
CombiSolar 1000 C-T	4 / 9,6	parallel to roof	50	40	887	/	**904 011**	**7 372**
CombiSolar 1000 C-S	4 / 9,6	on frame	50	40	887	/	**904 012**	**7 372**
CombiSolar 1500 C-T	6 / 14,4	parallel to roof	80	60	1500	/	**904 015**	**10 388**
CombiSolar 1500 C-S	6 / 14,4	on frame	80	60	1500	/	**904 016**	**10 388**
							All these configurations - Eco-participation not included: €5.00	
DHW production and heating								
CombiSolar 1000 B-T	4 / 9,6	parallel to roof	50	40	887	204	**904 021**	**8 644**
CombiSolar 1000 B-S	4 / 9,6	on frame	50	40	887	204	**904 022**	**8 644**
CombiSolar 1500 B-T	6 / 14,4	parallel to roof	80	60	1500	247	**904 025**	**11 636**
CombiSolar 1500 B-S	6 / 14,4	on frame	80	60	1500	247	**904 026**	**11 636**
							All these configurations - Eco-participation not included: €5.00	

Optional equipment

Designation	Details	Ref	€ Excl. tax
25 m stainless steel link DN20	Insulated DN25 stainless steel flow/return piping with sensor cable. 20 m length with 1'' fittings kit.	**900 660**	**734**
TR30	3 kW mono immersion heater for electric back-up (see page 71)	**900 301** (A)	**405**
TR45	4.5 kW mono immersion heater for electric back-up (see page 71)	**900 446** (A)	**413**
TR60	6 kW mono immersion heater for electric back-up (see page 71)	**900 447** (A)	**747**
Zone valve	If the CombiSolar is coupled with a backup boiler: zone valve for bypassing the hydro storage tank in the event of insufficient heating return temperature.	**991 284** (A)	**164**

(A): Eco-participation not included: €0.12

Individual solar water heaters

AquaSolar

Individual solar thermal water heater
300 and 500 liter sanitary storage volume
DHW production

Certification Solar KeyMark sensors 078/000381

Components

- C2500 D12C collectors (see specifications on page 68)
- Profiled cross-members for roof-parallel installation or frame for ground-mounted installation with 45° tilt angle
- solar transfer unit with circulating pump, safety valve and degassing
- solar expansion vessel
- ready-to-use heat transfer fluidi
- enamelled DHW tank with 2 heat exchangers
- solar controller for 1 or 2 sensor zones and a back-up energy
- thermostatic mixing valve.

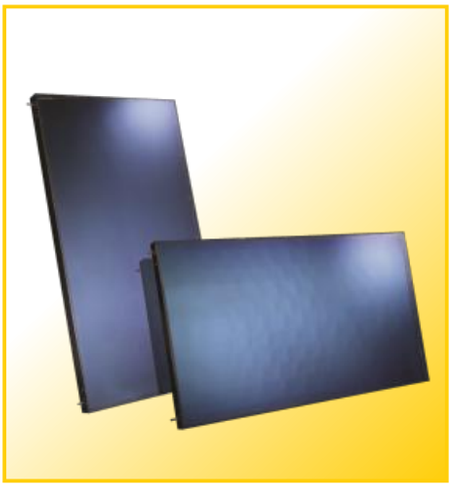
Designation	Numbers collectors and input area (m2)	Sensor mounting type	Solar vessel volume l	Heat transfer fluid volume l	DHW Volume l	Number of exchangers	Ref	€ Excl. tax
AquaSolar 200/2S -T	1 / 2,4	parallel to roof	18	20	200	2	**904 037**	**3 951**
AquaSolar 200/2S -S	1 / 2,4	on frame	18	20	200	2	**904 038**	**3 951**
AquaSolar 300/2S -T	2 / 4,8	parallel to roof	18	20	300	2	**904 031**	**4 948**
AquaSolar 300/2S -S	2 / 4,8	on frame	18	20	300	2	**904 032**	**4 948**
AquaSolar 500/2S -T	3 / 7,2	parallel to roof	18	20	500	2	**904 035**	**6 235**
AquaSolar 500/2S -S	3 / 7,2	on frame	18	20	500	2	**904 036**	**6 235**

All these configurations - Eco-participation not included: €5.00

Optional equipment

Designation	Details	Ref	€ Excl. tax
15 m stainless steel link DN16	Insulated DN16 stainless steel flow/return pipe with sensor cable. 15 m length and 3/4'' fittings kit.	**900 545**	**380**
TR30	3 kW mono immersion heater for electric back-up (see page 71)	**900 301** (A)	**405**
TR45	4.5 kW mono immersion heater for electric back-up (see page 71)	**900 446** (A)	**413**
TR60	6 kW mono immersion heater for electric back-up (see page 71)	**900 447** (A)	**747**
1'' Hydraulic module - DHW Priority	Set for remote domestic hot water preparation from a boiler, comprising a direct hydraulic module with electronic circulating pump, shut-off valves, flow/return thermometers, domestic hot water thermostat with cable.	**900 444** (A)	**452**

(A): Eco-participation not included: €0.12



Solar thermal collectors

C2500 D12C

2.32 m2 gross solar collector with anti-reflective, colourfast glass treatment
Aluminum frame
Selectively coated coil absorber
2 outlets
Mounting accessories for roof-parallel or frame mounting

Certification Solar KeyMark capteurs 078/000381

Designation	Gross area	Input area	Productivity	Sensor performances n_0	a1	a2	Height	Width	Weight	Ref	€ Excl. tax
	m2	m2	W/m2	%	$Wm^{-2}K^{-1}$	$Wm^{-2}K^{-2}$	m	m	kg		
C2500 D12C	2,53	2,28	(699)	76,4	5,99	0,014	2,03	1,25	37	**904 006**	**664**

Solar collector support

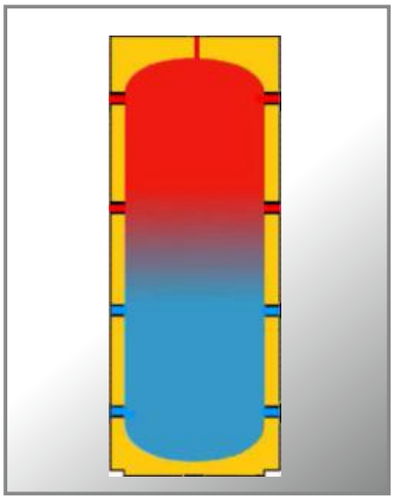
Designation	Details	Ref	€ Excl. tax
Tile roof installation			
STU2 C2500	Tile roof support 2 collectors	**904 132**	**349**
STU3 C2500	Tile roof support 3 collectors	**904 133**	**469**
STU4 C2500	Tile roof support 4 collectors	**904 134**	**598**
STU5 C2500	Tile roof support 5 collectors	**904 135**	**704**
Installation on a slate roof			
STA2 C2500	Slate roof support 2 collectors	**904 142**	**349**
STA3 C2500	Slate roof support 3 collectors	**904 143**	**469**
STA4 C2500	Slate roof support 4 collectors	**904 144**	**598**
STA5 C2500	Slate roof support 5 collectors	**904 145**	**704**
Installation on steel tanks			
STO2 C2500	Steel tank roof support 2 collectors	**904 152**	**242**
STO3 C2500	Steel tank roof support 3 collectors	**904 153**	**320**
STO4 C2500	Steel tank roof support 4 collectors	**904 154**	**400**
STO5 C2500	Steel tank roof support 5 collectors	**904 155**	**465**
Terrace installation			
STT2 C2500	Inclined terrace support 15-25-45-60° 2 collectors	**904 162**	**337**
STT3 C2500	Inclined terrace support 15-25-45-60° 3 collectors	**904 163**	**472**
STT4 C2500	Inclined terrace support 15-25-45-60° 4 collectors	**904 164**	**589**
STT5 C2500	Inclined terrace support 15-25-45-60° 5 collectors	**904 165**	**686**

Other solar equipment

Designation	Details	Ref	€ Excl. tax
MS42	Solar transfer group with circulating pump, thermometers, safety valve, degassing. Controller with 4 sensors and 2 relays. Available functions include: - 2 collector zones, - 2 exchangers in the hydro storage tank, - night-time collector cooling, - backup energy.	**904 108** (A)	**1 032**
MS21	Solar transfer group with circulating pump, thermometers, safety valve, degassing. Controller with 2 sensors and 1 relay for individual solar water heater	**904 110** (A)	**925**
20-litre heat transfer fluid	Fluide caloporteur pour le réseau solaire. Livré en bidon de 20 litres prêt à l'emploi.	**904 121**	**111**
Solar expansion vessel	**18 liters** **50 liters** **80 liters**	**900 547** **900 536** **900 529**	**71** **180** **281**
DHW mixing valve	¾' M thermostatic mixing valve for solar DHW.	**900 540**	**88**

(A): Eco-participation not included: €0.12

Hydro storage tanks and DHW tanks with 2 heat exchangers (more information on page 75)



Buffer tanks
Mixing cylinders

BT

Buffer tank from 500 to 2,000 liters
Heating only

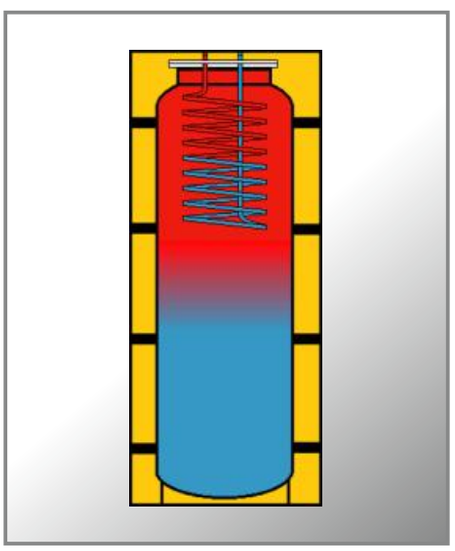
BM

Mixing cylinder from 100 to 300 liters
Heating only

Technical specifications

Steel tank / Max. operating pressure: 3 bar / Max. operating temperature: 95°C
Removable CFC-free flexible foam insulation, 100 mm thick
8 tappings 1'' 1/2 F for boiler / installation connection (6 tappings for BM100 and BM 200)
4 tappings 1/2'' F for thermometer or thermostat connection (3 tappings for BM100 and BM 200)
1 tapping 1'' 1/4 F for drain connection on top of tank
Color : Coral

Designation	Total capacity l	Diameter with insulation mm	Diameter without insulation mm	Height mm	Tilting diagonal mm	Total weight kg	Ref	€ Excl. tax
BT 500	500	850	650	1750	1767	86	**900 292**	**1 282**
BT 800	800	990	790	1830	1893	125	**900 293**	**1 625**
BT 1000	1000	990	790	2080	2125	138	**900 294**	**1 745**
BT 1500	1500	1200	1000	2120	2244	215	**900 296**	**2 788**
BT 2000	2000	1300	1100	2340	2486	265	**900 297**	**3 710**
BM 100	100	500	400	925	1008	27	**900 620**	**680**
BM 200	200	600	500	1155	1260	40	**900 622**	**852**
BM 300	300	650	500	1655	1728	60	**900 623**	**1 073**



Mixed buffer tanks

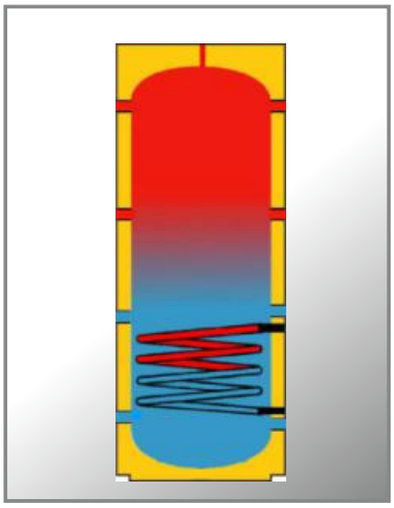
BTM

Buffer tank with a total volume from 500 to 1,500 liters
Heating and DHW production
BTM: Enamelled DHW tank with DHW coil

Technical specifications

Steel heating tank / Max. operating pressure: 3 bar
Max. operating temperature : 95°C
Removable CFC-free flexible foam insulation, 100 mm thick
8 tappings 1'' 1/2 F for boiler / installation connection
4 tappings 1/2'' F for thermometer or thermostat connection
1 tapping 1'' 1/4 F for drain connection on top of tank
Color : Coral

Designation	Total capacity l	Diameter with insulation mm	Diameter without insulation mm	Height mm	Tilting diagonal mm	Surface serpentin m²	Total weight kg	Ref	€ Excl. tax
Removable copper DHW coil									
BTM-SC 500	500	850	650	1750	1767	3,2	108	**900 580**	**2 450**
BTM-SC 800	800	990	790	1830	1893	4,5	152	**900 581**	**2 886**
BTM-SC 1000	1000	990	790	2080	2125	4,5	165	**900 582**	**3 004**
BTM-SC 1500	1500	1200	1000	2120	2244	6,3	250	**900 583**	**4 259**
BTM-SC 2000	2000	1300	1100	2360	2694	6,3	300	**900 587**	**5 795**
Stainless steel DHW coil									
BTM-SI 800	779	1000	800	1945	1960	2,85	104	**900 309**	**2 886**
BTM-SI 1000	934	1000	800	2255	2265	2,85	116	**900 310**	**3 004**
BTM-SI 1500	1498	1200	1000	2310	2330	3,27	169	**900 316**	**4 259**



Solar buffer tanks

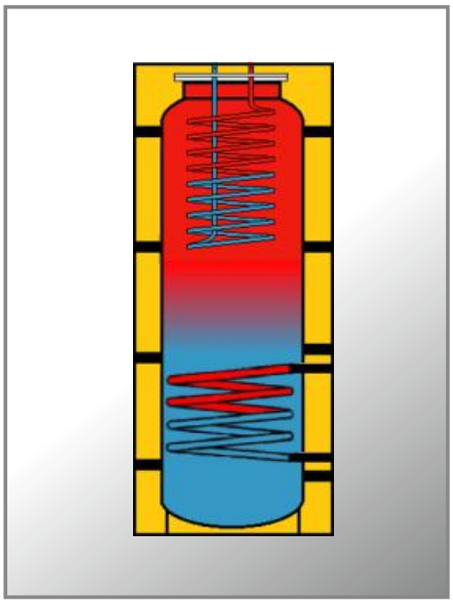
BTS

Buffer tank from 1,000 to 1,500 liters
Heating only

Technical specifications

Steel tank / Max. operating pressure: 3 bar / Max. operating temperature : 95°C
Large-surface exchanger placed at the bottom of the tank
Removable CFC-free flexible foam insulation, 100 mm thick
8 tappings 1'' 1/2 F for boiler / installation connection
4 tappings 1/2'' F for thermometer or thermostat connection
1 tapping 1'' 1/4 F for drain connection on top of tank
Color : Coral

Designation	Total capacity l	Exchanger Volume Surface l / m²	Diameter with insulation mm	Diameter without insulation mm	Height mm	Tilting diagonal mm	Total weight kg	Ref	€ Excl. tax
BTS 1000	1000	20,3 / 3,1	990	790	2080	2125	180	**900 434**	**2 620**
BTS 1500	1500	23,6 / 3,6	1200	1000	2120	2244	270	**900 435**	**3 880**



Mixed solar buffer tanks

BTMS

Buffer tank with a total volume from 1,000 to 1,500 liters
Integrated 250 to 280-litre DHW tank
Heating and DHW production

Technical specifications

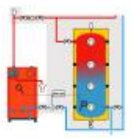
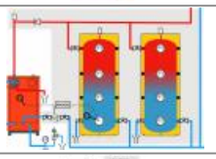
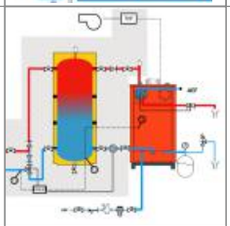
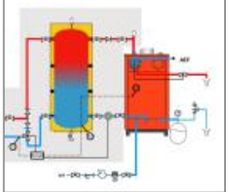
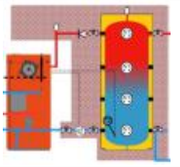
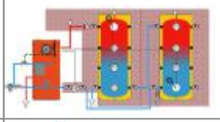
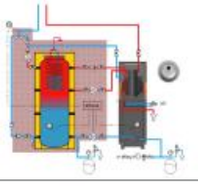
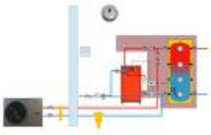
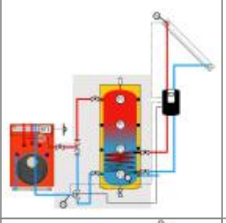
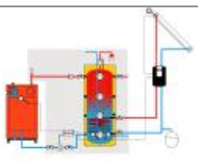
Steel heating tank.
Max. operating pressure: 3 bar
Max. operating temperature: 95°C
Large-surface exchanger placed at the bottom of the tank
Integrated enamelled DHW tank ("tank in tank")
Removable CFC-free flexible foam insulation, 100 mm thick
8 tappings 1'' 1/2 F for boiler / installation connection
4 tappings 1/2'' F for thermometer or thermostat connection
1 tapping 1'' 1/4 F for drain connection on top of tank
Color : Coral

Designation	Total capacity l	Diameter with insulation mm	Diameter without insulation mm	Height mm	Tilting diagonal mm	Surface serpentin ECS m²	Solar Coil Surface m²	Total weight kg	Ref	€ Excl. tax
Removable copper DHW coil										
BTMS-SC 1000	1000	990	790	2080	2125	4,5	3	165	**900 454**	**3 804**
BTMS-SC 1500	1500	1200	1000	2120	2244	6,3	3,5	250	**900 460**	**5 040**
Stainless steel DHW coil										
BTMS-SI 800	779	1000	800	1945	1960	2,85	2,85	124	**900 655**	**3 460**
BTMS-SI 1000	934	1000	800	2255	2265	2,85	2,85	136	**900 413**	**3 804**
BTMS-SI 1500	1498	1200	1000	2310	2330	3,27	3,27	189	**900 414**	**5 040**

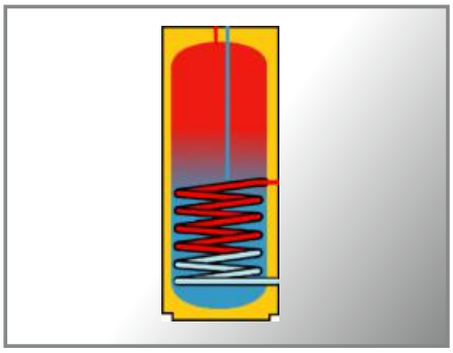
BT Accessories

Designation	Details	Ref	€ Excl. tax
immersion sleeve	Brass immersion sleeve-cu 1/2 G 10x200mm	**900 485**	**16**
Thermometer	Axial thermometer 263mm L = 200mm with clips	**900 480**	**22**
Thermostatic mixing valve	Thermostatic mixing valve 1/2" F, 30° - 70°.	**990 713**	**109**

Accessories for connection to a buffer tank

Designation		Details	Ref	€ Excl. tax
MB		**MC log-burning boiler with 1 buffer tank** including : 1 circulating pump, 2 drains, 4 shut-off valves, 1 non-return valve, 3 thermometers, 6 full plugs, 1 drain valve, 1 differential temperature controller with 2 sensors (1 sensor T1 : boiler T° - 1 sensor T2: buffer tank T°)	**900 400**	**1 216**
MB2		**MC log-burning boiler with 2 buffer tanks** including : 1 circulating pump, 3 drains, 6 shut-off valves, 1 non-return valve, 7 thermometers, 10 full plugs, 2 drain valves, 1 differential temperature controller with 2 sensors (1 sensor T1: boiler T° - 1 sensor T2: buffer tank T°)	**900 405**	**1 260**
MBF 1c		**MC log-burning boiler with 1 buffer tank coupled to an oil boiler with smoke connection in a single smoke duct**, comprising: 1 circulating pump, 2 drains, 8 shut-off valves, 3 non-return valves, 4 thermometers, 4 full plugs, 1 zone valve, 1 differential temperature controller with 3 temperature sensors (1 sensor T1 : boiler T° - 1 sensor T2 : storage tank T° - 1 sensor T3 : heating return T°), 1 smoke thermostat THF	**900 401**	**1 513**
MBF 2c		**MC log-burning boiler with buffer tank coupled to an oil boiler with smoke connection in two separate flues**, comprising: 1 circulating pump, 2 drains, 8 shut-off valves, 3 non-return valves, 4 thermometers, 4 full plugs, 1 zone valve, 1 differential temperature controller with 3 temperature sensors (1 sensor T1 : boiler T° - 1 sensor T2 : storage tank T° - 1 sensor T3 : heating return T°)	**900 402**	**1 394**
GFIB		**GFI log-burning boiler with 1 buffer tank** including : 1 circulating pump, 1 drain valve, 4 shut-off valves, 1 non-return valve, 1 drain valve, 1 thermometer, 5 full plugs, reductions.	**900 488**	**441**
GFIB2		**GFI log-burning boiler with 2 buffer tanks** including : 1 circulator, 2 drains, 6 shut-off valves, 1 non-return valve, 2 drain valves, 5 thermometers, 10 full plugs, reductions.	**900 489**	**654**
GTBM		**GTEI multi-fuel boiler with mixed buffer tank**, including : 2 circulators, 2 drains, 8 shut-off valves, 3 non-return valves, 4 thermometers, 4 full plugs, 1 zone valve, 1 differential temperature controller with 3 temperature sensors (1 sensor T1 : boiler T° - 1 sensor T2 : buffer tank T° - 1 sensor T3 : heating return T°)	**900 657**	**1 624**
MBP		**MC log-burning boiler with 1 buffer tank coupled to a heat pump** including : 1 circulating pump, 2 drains, 5 shut-off valves, 2 non-return valves, 3 thermometers, 6 full plugs, 1 drain valve, 1 differential temperature controller with 2 sensors (1 sensor T1 : boiler T° - 1 sensor T2 : buffer tank T°)	**900 661**	**1 246**
SBF		**Optitherm or OptiCondens oil boiler to a Solar Combined System** including : 1 steam trap, 6 shut-off valves, 2 check valves, 4 thermometers, 5 full plugs, 1 zone valve.	**900 412**	**486**
SBB		**MC log-burning boiler with Combined Solar System**, including : 1 steam trap, 5 shut-off valves, 1 differential temperature controller with 2 sensors (1 boiler sensor and 1 tank sensor), 1 circulating pump, 4 thermometers, 4 full plugs.	**900 419**	**998**

All these configurations - Eco-participation not included: €0.12



Independent DHW tanks

PE : Technical specifications

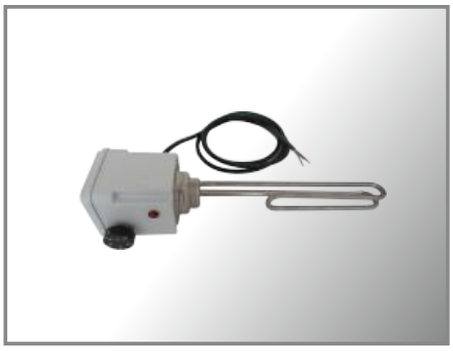
Enamelled domestic hot water tank from 150 to 500 liters
1 or 2 exchangers depending on model, DHW production, enamelled steel tank.

Maximum primary circuit operating pressure: 3 bars
Maximum domestic hot water circuit operating pressure: 7 bar
Maximum operating temperature: 95°C
Coil exchanger, reinforced insulation, color: Gray

Designation	Color Cladding	Volume Sanitary (liters)	Number Exchangers	Diameter with insulation (mm)	Height with insulation (mm)	Tilting diagonal (mm)	Total weight (kg)	Ref	€ Excl. tax
PE 150/1S	Gray	150	1	610	1005	1123	65	**900 479**	**1 386**
PE 200/1S	Gray	200	1	610	1290	1384	80	**900 475**	**1 523**
PE 300/1S	Gray	300	1	610	1680	1753	93	**900 606**	**1 702**
PE 500/1S	Gray	500	1	760	1680	1801	145	**900 624**	**2 160**
PE 300/2S	Gray	300	2	610	1680	1753	105	**900 542**	**1 909**
PE 500/2S	Gray	500	2	710	1680	1801	155	**900 544**	**2 409**
PE 200/1SPac	Gray	200	1	610	1290	1384	100	**918 003**	**1 670**
PE 300/1SPac	Gray	300	1	610	1680	1753	115	**918 004**	**2 470**

Optional equipment

Designation	Details	Ref	€ Excl. tax
***NOTE* : Hydraulic modules for DHW primary circuit (see page 77)**			
DHW thermostat or sensor for connection to an existing DHW tank			
DHW thermostat	DHW thermostat for independent tank. Delivered with box, wiring and connectors for electrical connection.	**900 549**	**93**
RC7 T° sensor	DHW temperature sensor for RC7 control. *(All Connect models - OptiPac, Optitherm, OptiCondens, OptiPellet)*	**992 041**	**12**
SDG-GFI sensor	DHW temperature sensor for GFI control. *(Log-burning boilers series GFI)*	**992 329**	**26**
Immersion sleeve	Immersion sleeve length 1/2'' - L=200 mm for mounting on PE or BT to receive DHW thermostat or RC7 and GFI sensors.	**900 485**	**16**
PDHW	DHW priority kit for independent DHW tank or DHW in mixed buffer tank, including DHW thermostat, circulating pump, cable, non-return valve and 2 shut-off valves.	**902 658**	**340**



Electrical backups for tanks

Electric immersion heater with box supplied pre-wired with control thermostat and safety thermostat. Max. operating temperature: 95°C. Thread connection 1''1/2 M.

Designation	Details	Ref	€ Excl. tax
TR30 mono	230 V single-phase power supply. Output 3 kW.	**900 301**	**405**
TR45 mono	230 V single-phase power supply. Output 4.5 kW.	**900 446**	**413**
TR60 mono	230 V single-phase power supply. Output 6 kW.	**900 447**	**747**
TR30 tri	380 V three-phase power supply. Output 3 kW.	**900 555**	**473**
TR45 tri	380 V three-phase power supply. Output 4,5 kW.	**900 448**	**525**
TR60 tri	380 V three-phase power supply. Output 6 kW.	**900 449**	**540**

All these accessories - Eco-participation not included: €0.12

Optional equipment

Designation	Details	Ref	€ Excl. tax
TR/PE flange	TR resistance adapter flange for PE tank	**900 450**	**63**
TR/MC flange	TR resistance adapter flange for MC boiler	**900 556**	**70**

Hydraulic modules for direct heating circuits

		Designation	Details	Ref	€ Excl. tax
		**MHD**	**Direct hydraulic module** 1" hydraulic heating module for direct circuit from boiler including circulating pump, check valve, shut-off valves, flow/return thermometers and insulation shells.	**900 420**	**407**
		MHD-V2V	idem MHD + 2-way automatic return valve	**900666**	**554**
		MHD-FM	idem MHD + magnetic filter	**900 494**	**538**
		**MH2X**	Hydraulic module with Duotherm 1" hydraulic heating module for low-temperature circuit direct from the boiler including Duotherm, circulating pump, check valve, shut-off valves, flow/return thermometers and insulation shells.	**900 493**	**523**
		MH2X-V2V	idem MH2X + 2-way automatic return valves	**900667**	**670**
		MH2X-FM	idem MH2X + magnetic filter	**900 616**	**663**
		**MHS**	**Hydraulic module without circulating pump** (for circuit n°1 of Optitherm with Duotherm and OptiCondens) 1" hydraulic heating module for circuits already equipped with circulating pump including check valve, shut-off valves, flow/return thermometers and insulation shells.	**900 445**	**270**
		MHS-FM	idem MHS + magnetic filter	**900 499**	**410**

Hydraulic modules for mixed heating circuits

		Designation	Details	Ref	€ Excl. tax
		**MHE**	**Hydraulic module with outdoor temperature controller** 1" hydraulic heating module regulated by outdoor temperature, including controller, outdoor sensor, flow sensor, mixing valve, valve motor, circulating pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 611**	**952**
		MHE-FM	idem MHE + magnetic filter	**900 617**	**1 038**
		**MHR**	**Motorized mixing hydraulic module** 1" hydraulic heating module for motorized mixing circuits, including mixing valve, valve motor, circulating pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 422**	**632**
		MHR-FM	idem MHR + magnetic filter	**900 496**	**733**
		**MHT 45/70**	**Thermostatic mixing hydraulic module 45/70** 1" hydraulic heating module for thermostatic mixing circuit including thermostatic flow temperature mixing valve adjustable from 45° to 70°C, circulating pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 423**	**605**
		MHT 45/70-FM	idem MHT 45/70 + magnetic filter	**900 497**	**707**
		**MHT 20/45**	**Thermostatic mixing hydraulic module 20/45** 1" hydraulic heating module for thermostatic mixing circuit, including thermostatic flow temperature mixing valve adjustable from 20° to 45°C, circulating pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 476**	**605**
		MHT 20/45-FM	idem MHT 20/45 + magnetic filter	**900 612**	**707**
		**MHM**	**Manual mixing hydraulic module** 1" hydraulic heating module for manual mixing circuits, including manual mixing valve, circulating pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 421**	**513**
		MHM-FM	idem MHM + magnetic filter	**900 495**	**620**

All these accessories - Eco-participation not included: €0.12

Hydraulic modules
for D.H.W. primary circuit

		Designation	Details	Ref	€ Excl. tax
		**MHP**	**DHW priority hydraulic module** 1" DHW primary hydraulic module including DHW thermostat with connectors, charge pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 444**	**452**
		MHP-FM	idem MHP + magnetic filter	**900 498**	**583**
		**MHP RC7**	**DHW priority hydraulic module for Connect models** 1" DHW primary hydraulic module including DHW temperature sensor for RC7 controller, charging pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 478**	**437**
		MHP RC7-V2V	idem MHP RC7 + 2-way automatic return valves	**900668**	**584**
		MHP RC7-FM	idem MHP RC7 + magnetic filter	**900 613**	**568**
		**MHP GFI**	**DHW priority hydraulic module for GFI boilers** 1" DHW primary hydraulic module including DHW temperature sensor for GFI controller, charging pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 490**	**437**
		MHP GFI-FM	idem MHP GFI + magnetic filter	**900 615**	**568**
		**MHP BM**	**DHW hydraulic module for biomass boiler without controller** 1" primary DHW hydraulic module including DHW thermostat with connectors, boiler thermostat with connectors, charge pump, anti-thermosiphon valve, shut-off valves, flow/return thermometers and insulation shells.	**900 486**	**506**
		MHP BM-FM	idem MHP BM + magnetic filter	**900 614**	**638**

Accessories for hydraulic modules

 *SMV-E*	**CE6-49-180**	Electronic circulating pump 180 mm center distance 1"1/2 M stitching	**900 571**	**230**
	RECS	External DHW priority relay without RTE (for Optitherm, OptiCondens, OptiPellet boilers)	**900 561**	**62**
	V3V	Motorizable manual 3-way valve	**900 387**	**92**
	SMV	Servomotor for 3-way valve motorization.	**900 548**	**241**
	SMV-E	Servomotor with outdoor temperature control for 3-way valve motorization. Supplied with flow sensor and outdoor sensor.	**900 578**	**450**

Expansion vessel and safety valve

	Designation	Details	Ref	€ Excl. tax
	**18 litres**	Nitrogen pressure expansion vessel pre-charged to 1.5 bar. Wall-mounted installation. Connection stitching : 3/4'' M. Maximum operating temperature: 99°C	**900 370**	**53**
	24 litres		**900 365**	**63**
	35 litres		**900 366**	**105**
	50 litres	Nitrogen pressure expansion vessel pre-charged to 1.5 bar. Floor installation. Connection stitching : 3/4'' M (1'' M for 200-liter model). Maximum operating temperature: 99°C	**900 367**	**125**
	80 litres		**900 625**	**212**
	100 litres		**900 368**	**239**
	150 litres		**900 626**	**358**
	200 litres		**900 369**	**416**

Designation	Details	Ref	€ Excl. tax
Stem PSRV 	Connecting stem with water supply, including removable drain valve with flap, pressure gauge valve, connection with flap for wall-mounted expansion vessel up to 35 liters.	**900 564**	**94**
Pressure valve with manometer	3 bar pressure valve with manometer	**900 404**	**22**

Room thermostats

Class IV programmable electronic room thermostat
Features :
- 3 temperature settings (Comfort, Economy, Frost Free)
- 4 operating modes (Auto, Manual, Absence, Off)
- Dispension possible for 30 minutes to 72 hours

Designation	Details	Ref	€ Excl. tax
TH4-F Wired	Class IV wired TA with weekly programming. Action possible on circulating pump or burner. Recommended connection: 2 wires 0.75 mm2 diameter, non-polarized. Possible diameters from 0.3 to 1.5 mm2.	**900 470**	**61**
TH4-R Radio	Class IV radio TA comprising a weekly-programmable transmitter and a compact 868 MHz receiver. Action possible on circulating pump or burner.	**900 471**	**164**

All these accessories - Eco-participation not included: €0.12

Designation	Details	Ref	€ Excl. tax
TH4-F CL4 Wired	Class IV wired room thermostat with weekly programming. Action possible on circulating pump or burner.	**900 410**	**103**
TH4-R CL4 Connectable radio	Class IV radio room thermostat including weekly-programmable transmitter and receiver. Can be controlled via Internet. Action on circulating pump or burner.	**900 411**	**240**

All these accessories - Eco-participation not included: €0.12

Draught moderators

Stainless-steel draught moderator with high-precision counterweight adjustment on numbered graduations, watertight seal and quiet shutter-closing stop. Locking tab.

Designation	Details	Ref	€ Excl. tax
MT100	Draught moderator diameter 100 mm	**900 465**	**151**
MT150	Draught moderator diameter 150 mm	**900 466**	**161**
MT180	Draught moderator diameter 180 mm	**900 467**	**185**

Universal biofuel burner for all boilers on the market

1-stage oil burner with maximum output of 41 kW.
Progressive micrometric adjustment of primary and secondary air.

Designation	Details	Ref	€ Excl. tax
BIO-F30 16-40	Universal burner that can run on domestic heating oil or biofuel containing up to 100% renewable energy. Installs on any oil boiler on the market (low-temperature or condensing, chimney or room sealed). Power adjustable from 16 to 40 kW.	**900 640**	**975**

F30 biofuel burners for PERGE boilers

1-stage biofuel burner with maximum output of 41 kW.
Progressive micrometric adjustment of primary and secondary air.

Designation	Details	Ref	€ Excl. tax
FE24-Bio30	FE24-Bio30 biofuel burner **without** finishing hood for biofuel operation with up to 100% rapeseed FAME. Factory-fitted jet: 0.50 to 60° S. Pn: 24.6 kW. Ideal for converting OptiPac, Optitherm and OptiCondens series oil boilers into F30 biofuel boilers.	**900 590**	**925**
FE32-Bio30	FE32-Bio30 biofuel burner **without** finishing hood for biofuel operation with up to 100% rapeseed FAME. Factory-fitted jet : 0.65 to 60° S. Pn : 33.8 kW. Ideal for converting OptiPac, Optitherm and OptiCondens series oil boilers into F30 biofuel boilers.	**900 591**	**925**
FE24-Bio30-C	FE24-Bio30 biofioul burner with finishing hood. Factory-fitted jet: 0.50 to 60° S. Pn : 24.6 kW	**900 630**	**975**
FE32-Bio30-C	FE32 biofioul burner with finishing hood. Factory-fitted jet: 0.65 to 60° S. Pn : 33.8 kW	**900 631**	**975**

All these accessories - Eco-participation not included: €0.12

Help with costing: how does it work?

Step 1 : Choose the energy source (oil / wood / pellets / solar / HYBRID Heat Pump) and refer to the relevant pages using the color code.
Step 2 : Determine the scheme that best meets your needs. All tables are referenced by a scheme code (e.g. OPL01) followed by the costing title (e.g. Optipellet with minisilo). This table is made up of several markers, each of which constitutes a schematic element.
Step 3 : Select the appropriate reference for each marker. If you're not concerned with a second heating circuit or domestic hot water production, go on to the next part of the table..

Example : For the costing of an OptiPellet with MiniSilo with 2 heating circuits and a DHW system, the items underlined in red are the selected items. This costing is based on diagram OPL01, which also contains the hydraulic diagram above.

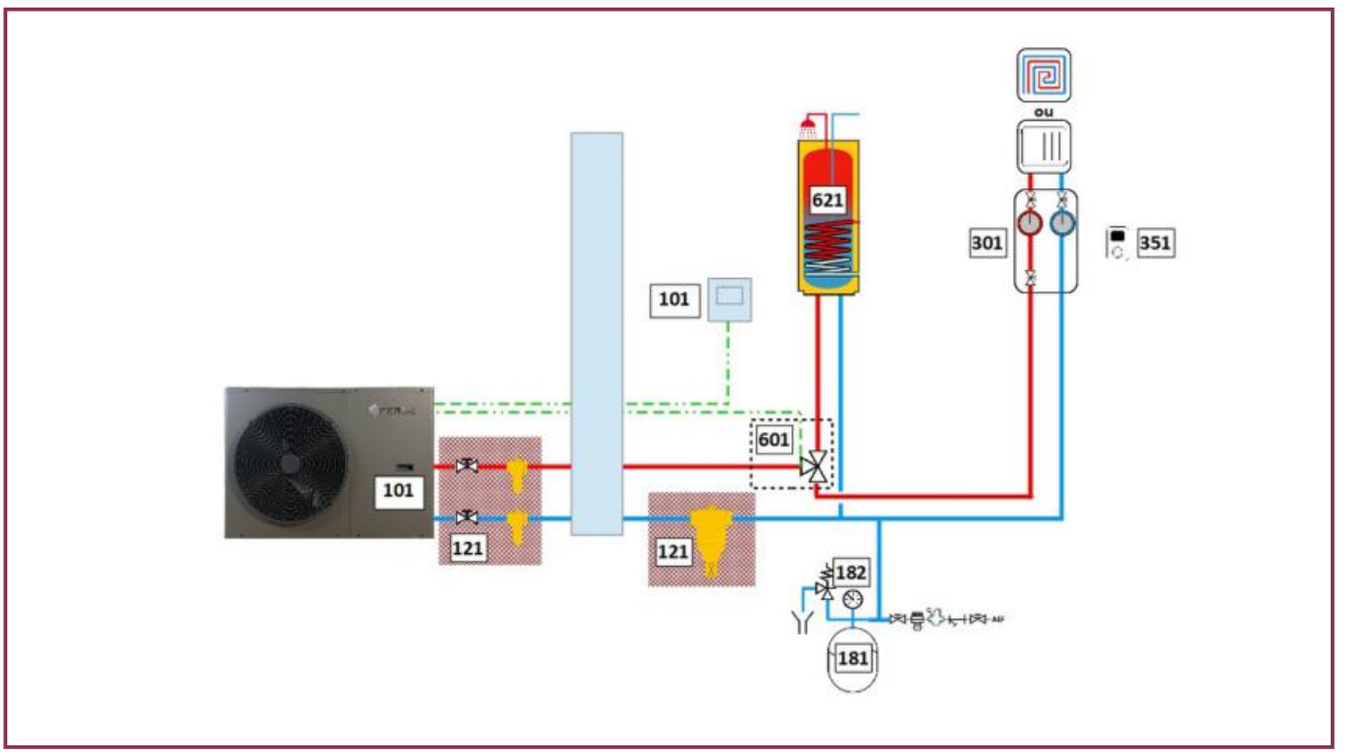
For more diagrams and costing aids, visit our website in your Espace PRO.

Website :
https://www.perge.com/fr-fr/aide-au-chiffrage/

N°	Désignation	Page	Réf	€ HT
101	**Choix du modèle de chaudière en fonction de la puissance souhaitée**			
>	OptiPellet 12 + MiniSilo 12kW	27	902 860	8 120
>	OptiPellet 17 + MiniSilo 17kW		902 861	8 320
>	OptiPellet 23 + MiniSilo 23kW		902 862	8 720
>	OptiPellet 33 + MiniSilo 33kW		902 863	9 180
>	OptiPellet 45 + MiniSilo 45kW		902 864	10 080
151	**Choix de la régulation climatique : - obligatoire si plancher chauffant - conseillé pour optimiser la consommation même avec radiateurs**			
>	RTE3	27	900 132	390
181	**Choix du vase selon la capacité**			
>	Vase 18 litres	73	900 370	51
>	Vase 24 litres		900 365	59
>	Vase 35 litres		900 366	98
>	Vase 50 litres		900 367	117
182	**Soupape-manomètre obligatoire sur l'installation**			
>	Soupape-manomètre	73	900 404	21
>	Potence PSRV		900 564	88
301	**Circuit de chauffage n°1 - Module hydraulique direct MHS sans circulateur (car monté d'usine)**			
>	MHS	72	900 445	252
>	MHS-FM		900 499	383
351	**Choix obligatoire Thermostat d'ambiance filaire ou radio pour le circuit 1**			
>	TH4-Filaire	74	900 470	61
>	TH4 CL4 Filaire		900 410	98
>	TH4-Radio		900 471	160
>	TH4 CL4 Radio		900 411	229

N°	Désignation	Page	Réf	€ HT
401	**Si Circuit de chauffage n°2 - Module hydraulique direct MHD**			
>	MHD	72	900 420	407
>	MHD-FM		900 494	538
451	**Choix obligatoire Thermostat d'ambiance filaire ou radio pour le circuit 2**			
>	TH4-Filaire	74	900 470	61
>	TH4 CL4 Filaire		900 410	98
>	TH4-Radio		900 471	160
>	TH4 CL4 Radio		900 411	229
601	**Si ECS : - Module hydraulique pour ECS MHP avec pompe de charge et thermostat ECS - Thermostat ECS seulement dans le cas d'une pompe de charge ECS existante et conservée**			
>	MHP	71	900 444	452
>	MHP-FM		900 498	583
>	Thermostat ECS		900 549	93
621	**Choix du préparateur ECS en fonction de sa capacité**			
>	PE 150/1S - Gris 150 l	71	900 479	1 386
>	PE 200/1S - Gris 200 l		900 475	1 523
>	PE 300/1S - Gris 300 l		900 606	1 702
>	PE 500/1S - Gris 500 l		900 624	2 160
651	**Si ECS mixte électrique, choix du thermoplongeur en fonction de sa puissance et du type d'alimentation électrique**			
>	TR30 mono 3kW	71	900 301	379
>	TR45 mono 4,5kW		900 446	413
>	TR60 mono 6kW		900 447	747
>	TR30 tri 3kW		900 555	444
>	TR45 tri 4,5kW		900 448	525
>	TR60 tri 6kW		900 449	540
652	**Bride obligatoire si thermoplongeur TR**			
>	Bride TR/PE	71	900 450	63
801	**Modérateur de tirage**			
>	MT100 diamètre 100 mm	74	900 465	151
>	MT150 diamètre 150 mm		900 466	161
>	MT180 diamètre 180mm		900 467	185

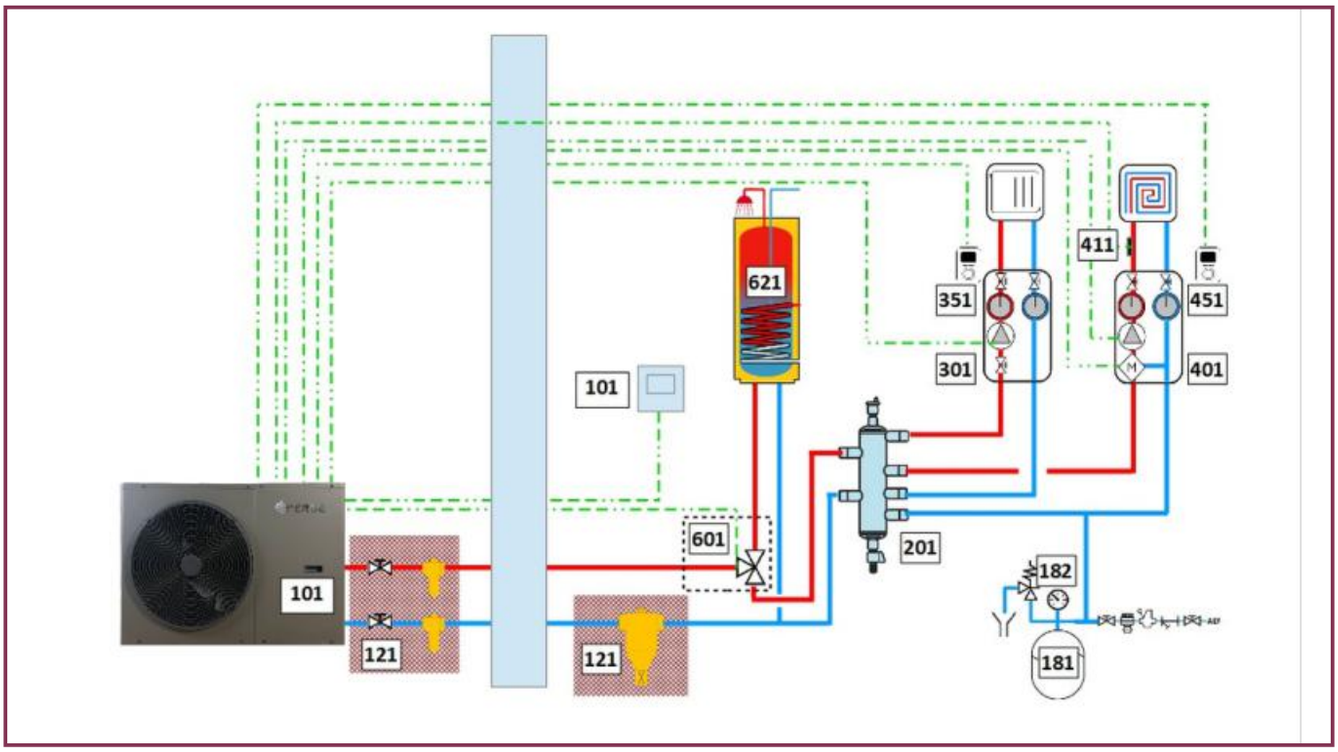
OptiPac MR32 without indoor unit - OPP20



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice according to desired output**			
>	OptiPac MR32 4 Mono -R	17	**920 020**	**3 279**
>	OptiPac MR32 6 Mono -R		**920 021**	**3 560**
>	OptiPac MR32 8 Mono -R		**920 022**	**3 968**
>	OptiPac MR32 10 Mono -R		**920 023**	**4 577**
>	OptiPac MR32 12 Mono -R		**920 024**	**5 358**
>	OptiPac MR32 14 Mono -R		**920 025**	**6 264**
>	OptiPac MR32 16 Mono -R		**920 026**	**6 566**
>	OptiPac MR32 12 Tri -R		**920 027**	**5 962**
>	OptiPac MR32 14 Tri -R		**920 028**	**6 792**
>	OptiPac MR32 16 Tri -R		**920 029**	**7 245**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety device**			
>	Pressure valve with manometer	77	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	76	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Required choice of room thermostat type for circuit 1**			
>	TH4-Wired	78	**900 470**	**61**
>	TH4-R		**900 471**	**164**
601	**If DHW; zone valve required**			
>	Zone valve	17	**990 839**	**164**

N°	Designation	Page	Ref	€ Excl. tax
621	**Choice of DHW cylinder according to capacity**			
>	PE 200/1S Heat pump 200 l	75	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

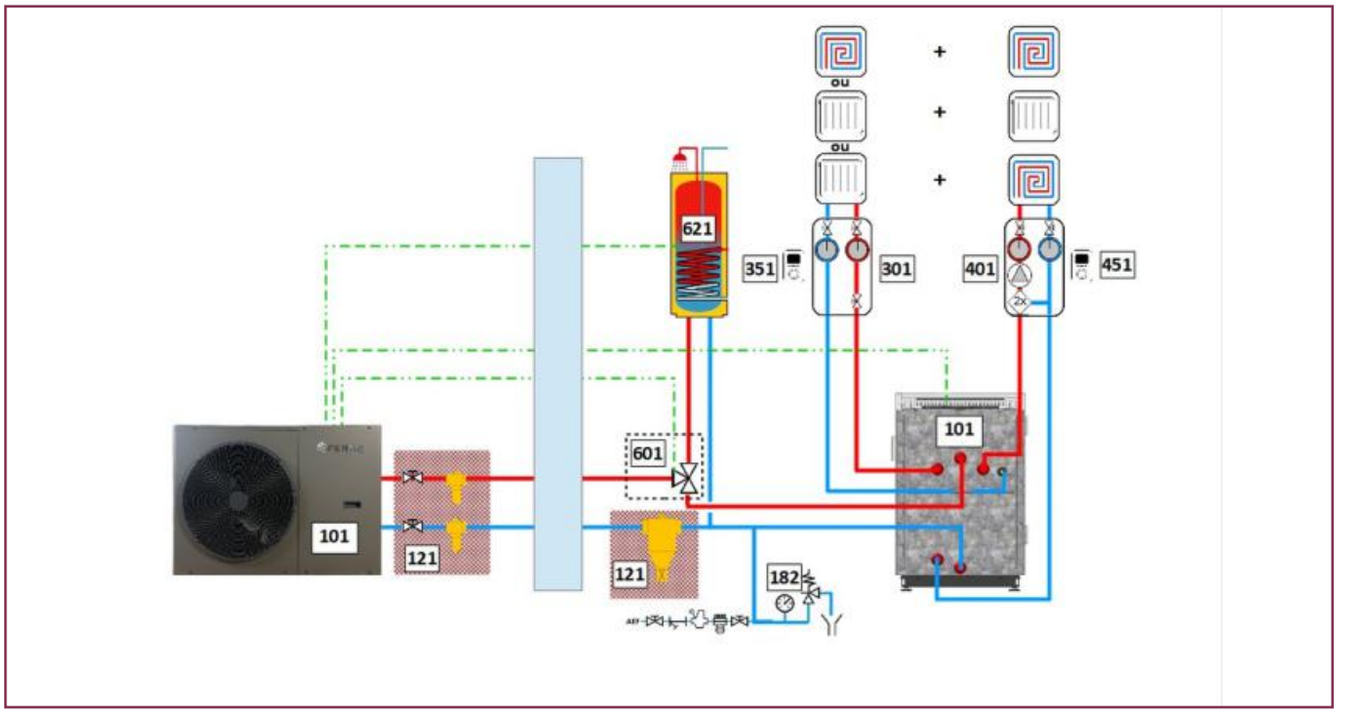
OptiPac MR32 with mixing cylinder - OPP23



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
>	OptiPac MR32 4 Mono -R	17	**920 020**	**3 279**
>	OptiPac MR32 6 Mono -R		**920 021**	**3 560**
>	OptiPac MR32 8 Mono -R		**920 022**	**3 968**
>	OptiPac MR32 10 Mono -R		**920 023**	**4 577**
>	OptiPac MR32 12 Mono -R		**920 024**	**5 358**
>	OptiPac MR32 14 Mono -R		**920 025**	**6 264**
>	OptiPac MR32 16 Mono -R		**920 026**	**6 566**
>	OptiPac MR32 12 Tri -R		**920 027**	**5 962**
>	OptiPac MR32 14 Tri -R		**920 028**	**6 792**
>	OptiPac MR32 16 Tri -R		**920 029**	**7 245**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	77	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	77	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Decoupling cylinder choice**			
>	25 liter decoupling bottle	72	**900 701**	**493**
>	50-liter decoupling bottle		**900 702**	**747**
301	**Heating circuit n°1**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
351	**Required choice of room thermostat type for circuit 1**			
>	TH4-Wired	78	**900 470**	**61**
>	TH4-R		**900 471**	**164**

N°	Designation	Page	Ref	€ Excl. tax
401	**Heating circuit n°2**			
>	MHR	74	**900 422**	**407**
>	MHR-FM		**900 492**	**538**
411	**Flow sensor**			
>	OptiPac MR32 flow sensor	17	**992 666**	**12**
451	**Required choice of room thermostat type for circuit 2**			
>	TH4-Wired	78	**900 470**	**61**
>	TH4-R		**900 471**	**164**
601	**If DHW; zone valve required**			
>	Zone valve	17	**990 839**	**164**
621	**Choice of DHW tank according to capacity**			
>	PE 200/1S Heat pump 200 l	75	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

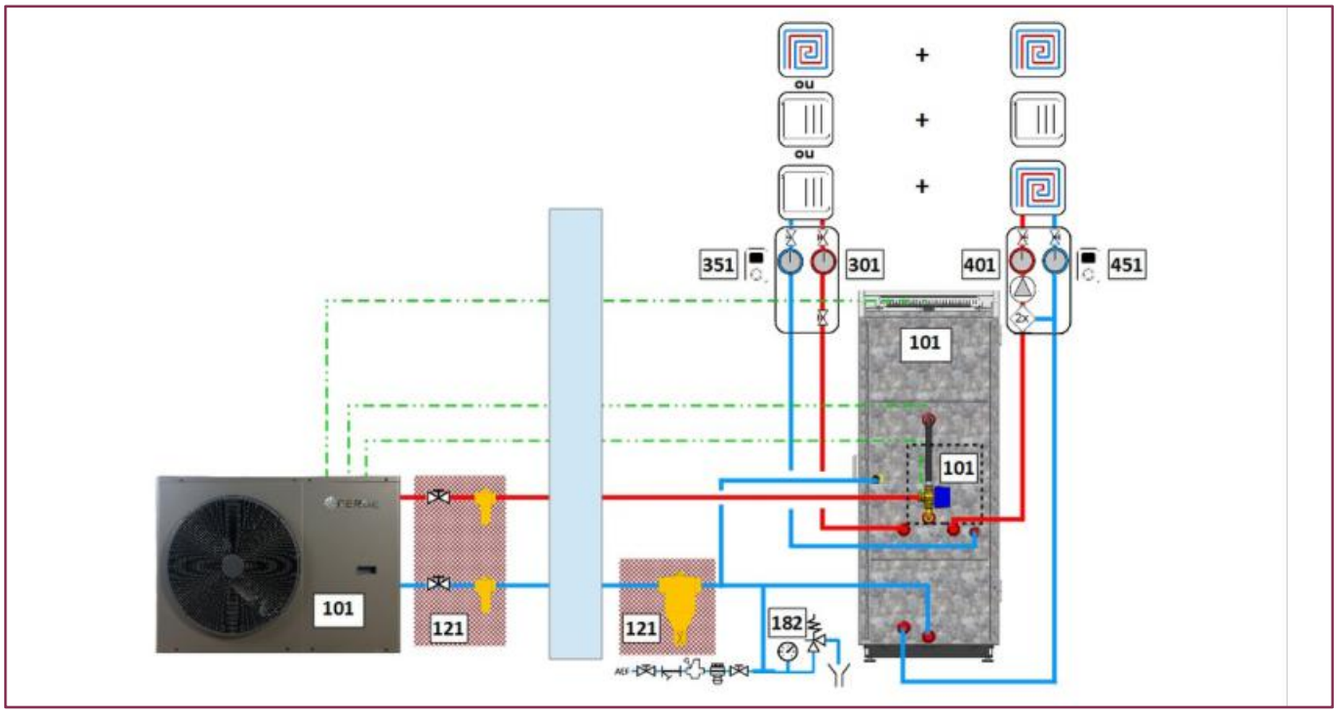
OptiPac MR32 without indoor unit - OPP21



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice according to desired output**			
>	OptiPac MR32 4 Mono C-R	18	**920 040**	**4 979**
>	OptiPac MR32 6 Mono C-R		**920 041**	**5 260**
>	OptiPac MR32 8 Mono C-R		**920 042**	**5 668**
>	OptiPac MR32 10 Mono C-R		**920 043**	**6 277**
>	OptiPac MR32 12 Mono C-R		**920 044**	**7 058**
>	OptiPac MR32 14 Mono C-R		**920 045**	**7 964**
>	OptiPac MR32 16 Mono C-R		**920 046**	**8 266**
>	OptiPac MR32 12 Tri C-R		**920 047**	**7 662**
>	OptiPac MR32 14 Tri C-R		**920 048**	**8 492**
>	OptiPac MR32 16 Tri C-R		**920 049**	**8 945**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
182	**Choice of safety system**			
>	Pressure valve with manometer	77	**900 404**	**22**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Required choice of room thermostat type for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MH2X	74	**900 493**	**523**
>	MH2X-FM		**900 616**	**663**
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Required choice of room thermostat type for circuit 2**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**

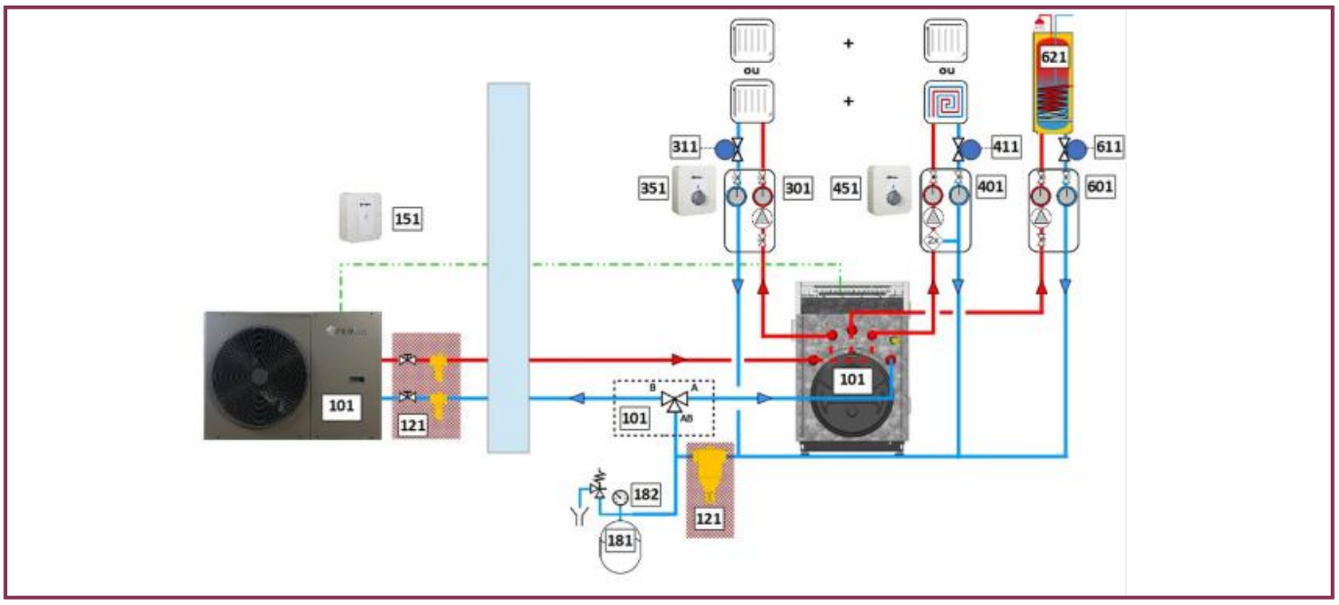
N°	Designation	Page	Ref	€ Excl. tax
601	**If DHW; zone valve required**			
>	Zone valve	73	**990 839**	**164**
621	**Choice of DHW tank according to capacity**			
>	PE 200/1S Heat pump 200 l	73	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

OptiPac MR32 with indoor unit + DHW - OPP22



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice according to desired output**			
>	OptiPac MR32 4 Mono B150-R	19	**920 060**	**6 579**
>	OptiPac MR32 6 Mono B150-R		**920 061**	**6 860**
>	OptiPac MR32 8 Mono B150-R		**920 062**	**7 268**
>	OptiPac MR32 10 Mono B150-R		**920 063**	**7 877**
>	OptiPac MR32 12 Mono B150-R		**920 064**	**8 658**
>	OptiPac MR32 14 Mono B150-R		**920 065**	**9 564**
>	OptiPac MR32 16 Mono B150-R		**920 066**	**9 866**
>	OptiPac MR32 12 Tri B150-R		**920 067**	**9 262**
>	OptiPac MR32 14 Tri B150-R		**920 068**	**10 092**
>	OptiPac MR32 16 Tri B150-R		**920 069**	**10 545**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
182	**Choice of safety system**			
>	Pressure valve with manometer	77	**900 404**	**22**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Required choice of room thermostat type for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MH2X	74	**900 493**	**523**
>	MH2X-FM		**900 616**	**663**
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Required choice of room thermostat type for circuit 2**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**

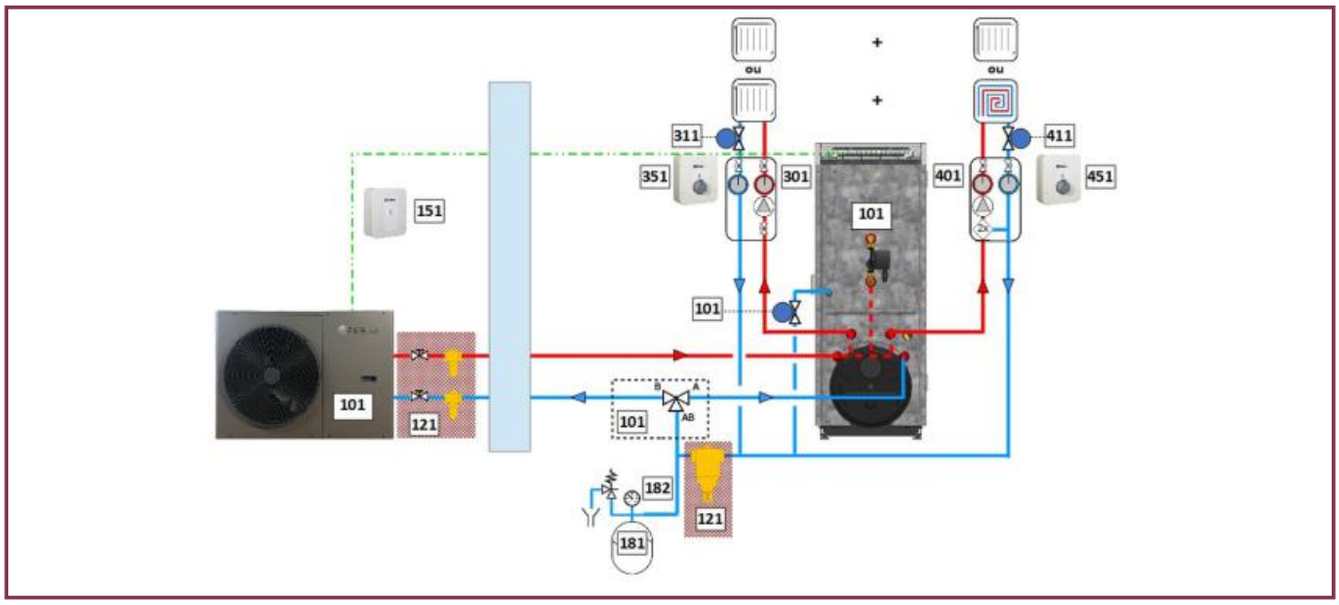
OptiPac MR32 hybrid oil heating - OPP31



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output and smoke connection**			
	Chimney connection - OptiPac MR32 hybrid oil ...			
>	8-24 Mono C-F30RC7	20	**921 022**	**8 218**
>	10-24 Mono C-F30RC7		**921 023**	**8 827**
>	12-24 Mono C-F30RC7		**921 024**	**9 608**
>	14-24 Mono C-F30RC7		**921 025**	**10 514**
>	16-24 Mono C-F30RC7		**921 026**	**10 816**
>	12-24 Tri C-F30RC7		**921 027**	**10 212**
>	14-24 Tri C-F30RC7		**921 028**	**11 042**
>	16-24 Tri C-F30RC7		**921 029**	**11 495**
>	12-32 Mono C-F30RC7		**921 034**	**10 058**
>	14-32 Mono C-F30RC7		**921 035**	**10 964**
>	16-32 Mono C-F30RC7		**921 036**	**11 266**
>	12-32 Tri C-F30RC7		**921 037**	**10 662**
>	14-32 Tri C-F30RC7		**921 038**	**11 492**
>	16-32 Tri C-F30RC7		**921 039**	**11 945**
	Room sealed connection - OptiPac MR32 hybrid oil ...			
>	8-24 Mono C-F30VRC7	20	**921 122**	**8 718**
>	10-24 Mono C-F30VRC7		**921 123**	**9 327**
>	12-24 Mono C-F30VRC7		**921 124**	**10 108**
>	14-24 Mono C-F30VRC7		**921 125**	**11 014**
>	16-24 Mono C-F30VRC7		**921 126**	**11 316**
>	12-24 Tri C-F30VRC7		**921 127**	**10 712**
>	14-24 Tri C-F30VRC7		**921 128**	**11 542**
>	16-24 Tri C-F30VRC7		**921 129**	**11 995**
>	12-32 Mono C-F30VRC7		**921 134**	**10 558**
>	14-32 Mono C-F30VRC7		**921 135**	**11 464**
>	16-32 Mono C-F30VRC7		**921 136**	**11 766**
>	12-32 Tri C-F30VRC7		**921 137**	**11 162**
>	14-32 Tri C-F30VRC7		**921 138**	**11 992**
>	16-32 Tri C-F30VRC7		**921 139**	**12 445**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
151	**Required choice of outdoor sensor type**			
>	C+ Outdoor Sensor - Wired	24	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
311	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P	74	**900 665**	**147**
351	**Required choice of room sensor type for circuit 1**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
401	**If Heating circuit n°2**			
>	MH2X	74	**900 493**	**523**
>	MH2X-FM		**900 616**	**663**
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
411	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P	74	**900 665**	**147**
451	**Required choice of room sensor type for circuit 2**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
601	**- DHW hydraulic module with circulating pump and DHW sensor - Or DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	77	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
611	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P	74	**900 665**	**147**
621	**Choice of DHW tank according to capacity**			
>	PE 200/1S Heat pump 200 l	73	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

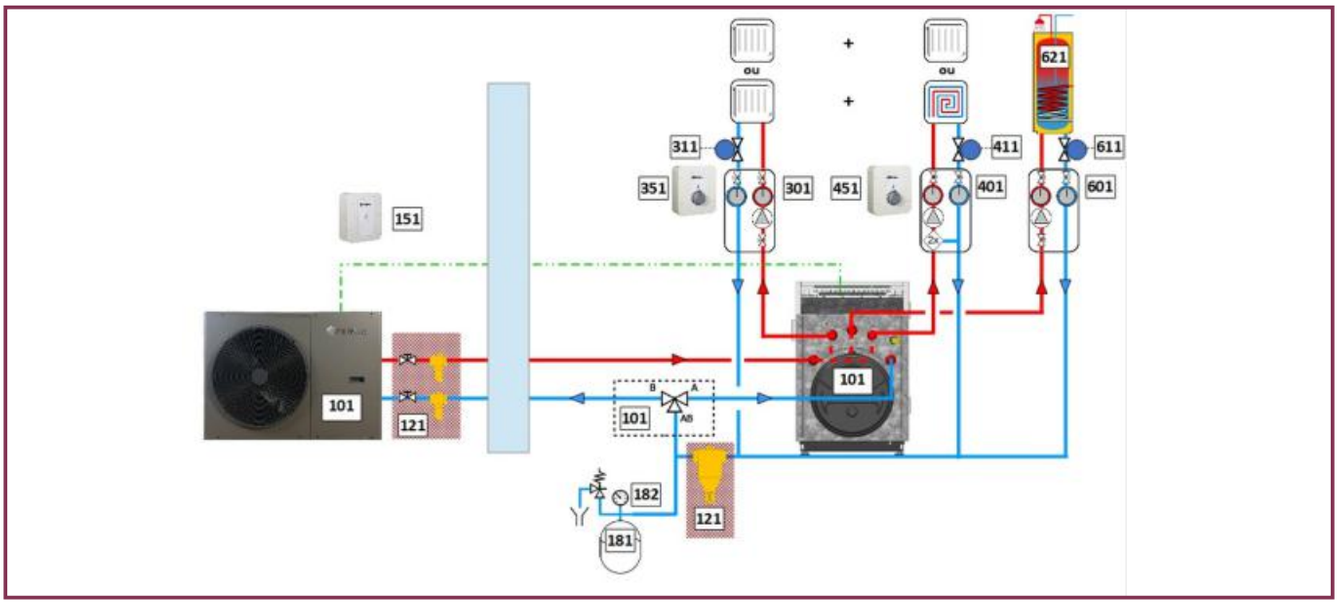
OptiPac MR32 hybrid oil heating + DHW - OPP32



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output and smoke connection**			
	Chimney connection - OptiPac MR32 hybrid oil			
>	8-24 Mono B150-F30RC7	21	**921 052**	**9 838**
>	10-24 Mono B150-F30RC7		**921 053**	**10 447**
>	12-24 Mono B150-F30RC7		**921 054**	**11 228**
>	14-24 Mono B150-F30RC7		**921 055**	**12 134**
>	16-24 Mono B150-F30RC7		**921 056**	**12 436**
>	12-24 Tri B150-F30RC7		**921 057**	**11 832**
>	14-24 Tri B150-F30RC7		**921 058**	**12 662**
>	16-24 Tri B150-F30RC7		**921 059**	**13 115**
>	12-32 Mono B150-F30RC7		**921 064**	**11 678**
>	14-32 Mono B150-F30RC7		**921 065**	**12 584**
>	16-32 Mono B150-F30RC7		**921 066**	**12 886**
>	12-32 Tri B150-F30RC7		**921 067**	**12 282**
>	14-32 Tri B150-F30RC7		**921 068**	**13 112**
>	16-32 Tri B150-F30RC7		**921 069**	**13 565**
	Room sealed connection - OptiPac MR32 hybrid oil			
>	8-24 Mono B150-F30VRC7	21	**921 152**	**10 338**
>	10-24 Mono B150-F30VRC7		**921 153**	**10 947**
>	12-24 Mono B150-F30VRC7		**921 154**	**11 728**
>	14-24 Mono B150-F30VRC7		**921 155**	**12 634**
>	16-24 Mono B150-F30VRC7		**921 156**	**12 936**
>	12-24 Tri B150-F30VRC7		**921 157**	**12 332**
>	14-24 Tri B150-F30VRC7		**921 158**	**13 162**
>	16-24 Tri B150-F30VRC7		**921 159**	**13 615**
>	12-32 Mono B150-F30VRC7		**921 164**	**12 178**
>	14-32 Mono B150-F30VRC7		**921 165**	**13 084**
>	16-32 Mono B150-F30VRC7		**921 166**	**13 386**
>	12-32 Tri B150-F30VRC7		**921 167**	**12 782**
>	14-32 Tri B150-F30VRC7		**921 168**	**13 612**
>	16-32 Tri B150-F30VRC7		**921 169**	**14 065**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
151	**Required choice of outdoor sensor type**			
>	C+ Outdoor Sensor - Wired	24	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel		**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**

N°	Designation	Page	Ref	€ Excl. tax
182	**Choice of safety system**			
>	Pressure valve with manometer		**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
311	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		**900 665**	**147**
351	**Required choice of room sensor type for circuit 1**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
401	**If Heating circuit n°2**			
>	MH2X		**900 493**	**523**
>	MH2X-FM		**900 616**	**663**
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
411	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		**900 665**	**147**
451	**Required choice of room sensor type for circuit 2**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**

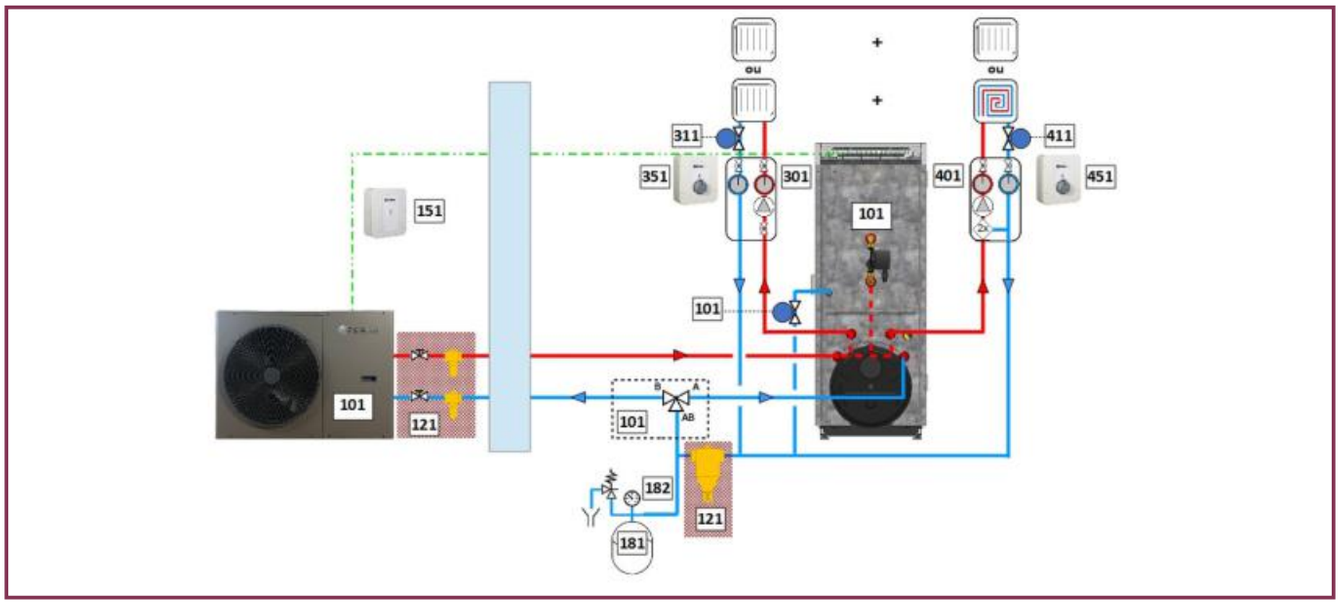
OptiPac MR32 hybrid gas heating - OPP36



N°	Désignation	Page	Réf	€ HT
101	**Boiler model choice based on desired output and smoke connection**			
	Chimney connection - OptiPac MR32 hybrid gas			
>	8-24 Mono C-GRC7	22	**921 522**	**8 518**
>	10-24 Mono C-GRC7		**921 523**	**9 127**
>	12-24 Mono C-GRC7		**921 524**	**9 908**
>	14-24 Mono C-GRC7		**921 525**	**10 814**
>	16-24 Mono C-GRC7		**921 526**	**11 116**
>	12-24 Tri C-GRC7		**921 527**	**10 512**
>	14-24 Tri C-GRC7		**921 528**	**11 342**
>	16-24 Tri C-GRC7		**921 529**	**11 795**
>	12-32 Mono C-GRC7		**921 534**	**10 358**
>	14-32 Mono C-GRC7		**921 535**	**11 264**
>	16-32 Mono C-GRC7		**921 536**	**11 566**
>	12-32 Tri C-GRC7		**921 537**	**10 962**
>	14-32 Tri C-GRC7		**921 538**	**11 792**
>	16-32 Tri C-GRC7		**921 539**	**12 245**
	Room sealed connection - OptiPac MR32 hybrid gas			
>	8-24 Mono C-GVRC7	22	**921 622**	**9 018**
>	10-24 Mono C-GVRC7		**921 623**	**9 627**
>	12-24 Mono C-GVRC7		**921 624**	**10 408**
>	14-24 Mono C-GVRC7		**921 625**	**11 314**
>	16-24 Mono C-GVRC7		**921 626**	**11 616**
>	12-24 Tri C-GVRC7		**921 627**	**11 012**
>	14-24 Tri C-GVRC7		**921 628**	**11 842**
>	16-24 Tri C-GVRC7		**921 629**	**12 295**
>	12-32 Mono C-GVRC7		**921 634**	**10 858**
>	14-32 Mono C-GVRC7		**921 635**	**11 764**
>	16-32 Mono C-GVRC7		**921 636**	**12 066**
>	12-32 Tri C-GVRC7		**921 637**	**11 462**
>	14-32 Tri C-GVRC7		**921 638**	**12 292**
>	16-32 Tri C-GVRC7		**921 639**	**12 745**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
151	**Required choice of outdoor sensor type**			
>	C+ Outdoor Sensor - Wired	24	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Désignation	Page	Réf	€ HT
301	**Heating circuit n°1**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
311	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		**900 665**	**147**
351	**Required choice of room sensor type for circuit 1**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
401	**If Heating circuit n°2**			
>	MH2X	74	**900 493**	**523**
>	MH2X-FM		**900 616**	**663**
>	MHD		**900 420**	**407**
>	MHD-FM		**900 494**	**538**
411	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		**900 665**	**147**
451	**Required choice of room sensor type for circuit 2**			
>	C+ Room Sensor - Wired	24	**900 602**	**54**
>	C+ Room sensor - Radio		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
601	**- DHW hydraulic module with circulating pump and DHW sensor - Or DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	75	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
611	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		**900 665**	**147**
621	**Choice of DHW tank according to capacity**			
>	PE 200/1S Heat pump 200 l	73	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

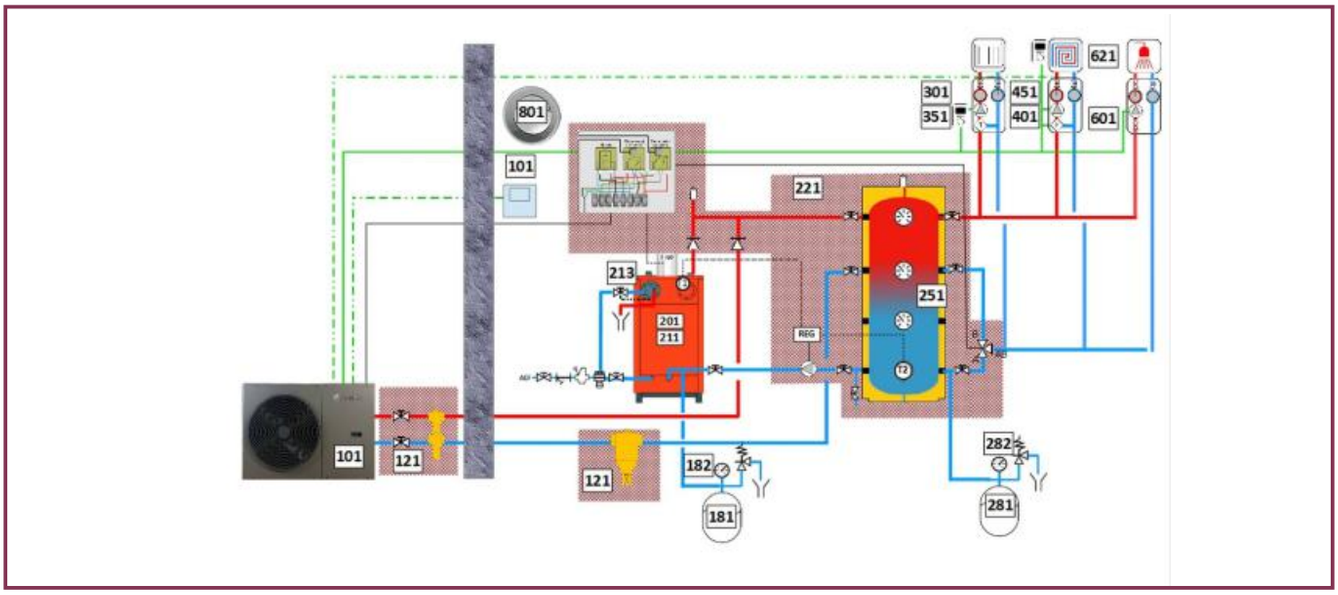
OptiPac MR32 hybrid gas heating + DHW - OPP37



N°	Désignation	Page	Réf	€ HT
101	**Boiler model choice based on desired output and smoke connection**			
	Chimney connection - OptiPac MR32 hybrid gas			
>	8-24 Mono B150-GRC7	23	921 552	10 138
>	10-24 Mono B150-GRC7		921 553	10 747
>	12-24 Mono B150-GRC7		921 554	11 528
>	14-24 Mono B150-GRC7		921 555	12 434
>	16-24 Mono B150-GRC7		921 556	12 736
>	12-24 Tri B150-GRC7		921 557	12 132
>	14-24 Tri B150-GRC7		921 558	12 962
>	16-24 Tri B150-GRC7		921 559	13 415
>	12-32 Mono B150-GRC7		921 564	11 978
>	14-32 Mono B150-GRC7		921 565	12 884
>	16-32 Mono B150-GRC7		921 566	13 186
>	12-32 Tri B150-GRC7		921 567	12 582
>	14-32 Tri B150-GRC7		921 568	13 412
>	16-32 Tri B150-GRC7		921 569	13 865
	Room sealed connection - OptiPac MR32 hybrid gas			
>	8-24 Mono B150-GVRC7	23	921 652	10 638
>	10-24 Mono B150-GVRC7		921 653	11 247
>	12-24 Mono B150-GVRC7		921 654	12 028
>	14-24 Mono B150-GVRC7		921 655	12 934
>	16-24 Mono B150-GVRC7		921 656	13 236
>	12-24 Tri B150-GVRC7		921 657	12 632
>	14-24 Tri B150-GVRC7		921 658	13 462
>	16-24 Tri B150-GVRC7		921 659	13 915
>	12-32 Mono B150-GVRC7		921 664	12 478
>	14-32 Mono B150-GVRC7		921 665	13 384
>	16-32 Mono B150-GVRC7		921 666	13 686
>	12-32 Tri B150-GVRC7		921 667	13 082
>	14-32 Tri B150-GVRC7		921 668	13 912
>	16-32 Tri B150-GVRC7		921 669	14 365
121	**EU protection kit (required)**			
>	EU protection kit	24	900 639	427
151	**Required choice of outdoor sensor type**			
>	C+ Outdoor Sensor - Wired	24	900 600	55
>	C+ Outdoor Sensor - Radio		900 601	115
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	900 370	53
>	24-litre vessel		900 365	63
>	35-litre vessel		900 366	105
>	50-litre vessel		900 367	125

N°	Désignation	Page	Réf	€ HT
182	**Choice of safety system**			
>	Pressure valve with manometer	75	900 404	22
>	PSRV Stem		900 564	94
301	**Heating circuit n°1**			
>	MHD	74	900 420	407
>	MHD-FM		900 494	538
311	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		900 665	147
351	**Required choice of room sensor type for circuit 1**			
>	C+ Room Sensor - Wired	24	900 602	54
>	C+ Room sensor - Radio		900 601	115
>	Wired Room Sensor button		900 604	75
>	Radio Room Sensor button		900 605	138
401	**If Heating circuit n°2**			
>	MH2X	74	900 493	523
>	MH2X-FM		900 616	663
>	MHD		900 420	407
>	MHD-FM		900 494	538
411	**2-way valve Recall AUTO MM 1P**			
>	2-way valve Recall AUTO MM 1P		900 665	147
451	**Required choice of room sensor type for circuit 2**			
>	C+ Room Sensor - Wired	24	900 602	54
>	C+ Room sensor - Radio		900 601	115
>	Wired Room Sensor button		900 604	75
>	Radio Room Sensor button		900 605	138

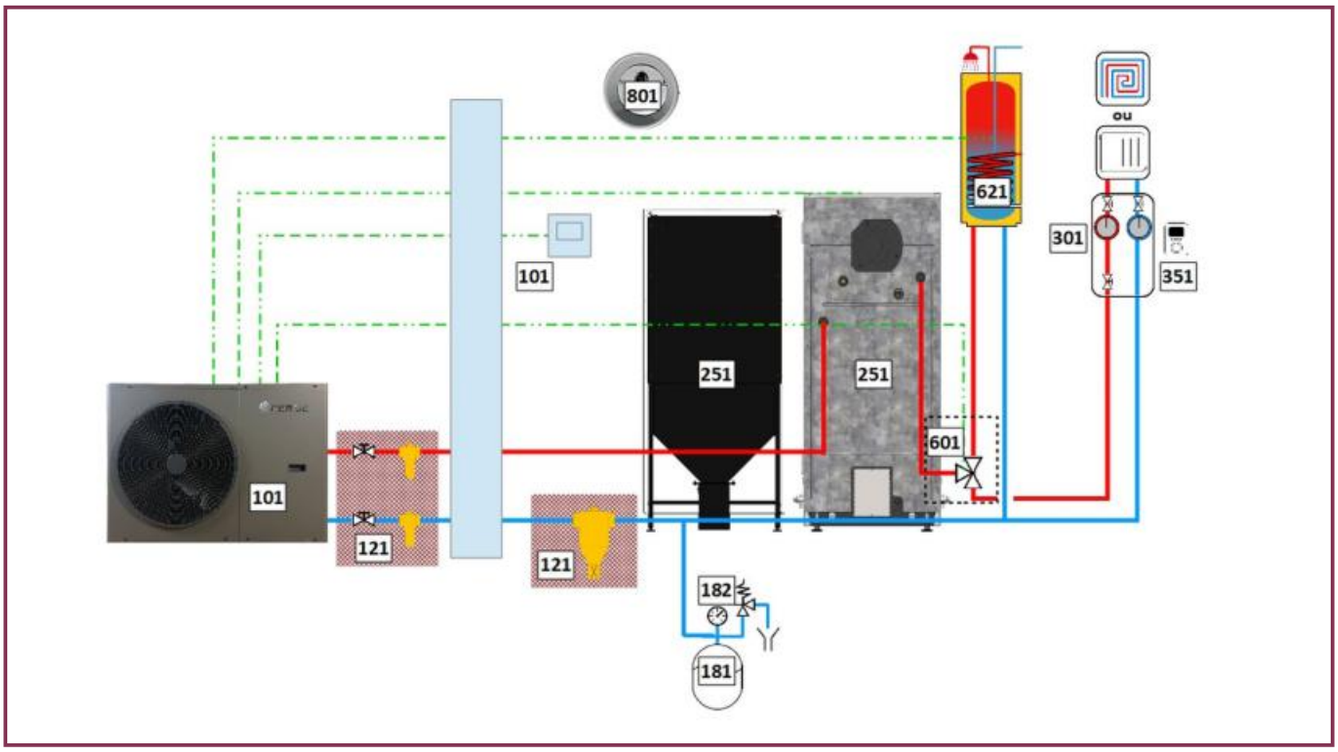
OptiPac MR32 coupled with an MC Classic log-burning boiler - OPP41



N°	Designation	Page	Ref	€ Excl. tax
101	**Heat pump model choice based on output**			
>	OptiPac MR32 4 Mono -R	17	920 020	3 279
>	OptiPac MR32 6 Mono -R		920 021	3 560
>	OptiPac MR32 8 Mono -R		920 022	3 968
>	OptiPac MR32 10 Mono -R		920 023	4 577
>	OptiPac MR32 12 Mono -R		920 024	5 358
>	OptiPac MR32 14 Mono -R		920 025	6 264
>	OptiPac MR32 16 Mono -R		920 026	6 566
>	OptiPac MR32 12 Tri -R		920 027	5 962
>	OptiPac MR32 14 Tri -R		920 028	6 792
>	OptiPac MR32 16 Tri -R		920 029	7 245
121	**EU protection kit (required)**			
>	EU protection kit	24	900 639	427
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	900 370	53
>	24-litre vessel		900 365	63
>	35-litre vessel		900 366	105
>	50-litre vessel		900 367	125
182	**Choice of safety system**			
>	Pressure valve with manometer	75	900 404	22
>	PSRV Stem		900 564	94
201	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	715 000	4 350
>	MC 5.30 Classic		715 011	4 740
>	MC 15.40 Classic		902 032	5 790
211	**Casing choice based on boiler body**			
>	Casing MC 5.20 Classic	44	902 028	383
>	Casing MC 5.30 Classic		902 031	475
>	Casing MC 15.40 Classic		902 033	394
213	**Thermal safety valve**			
>	SST (if MC 15.40 take 2 SST)	42	900 285	141
221	**Buffer tank connection accessories**			
>	MBP	74	900 661	1 246
251	**Buffer tank choice**			
>	BT 500	72	900 292	1 282
>	BT 800		900 293	1 625
>	BT 1000		900 294	1 745
>	BT 1500		900 296	2 788
281	**Vessel choice based on capacity**			
>	50-litre vessel	75	900 367	125
>	80-litre vessel		900 625	212
>	100-litre vessel		900 368	239
>	200-litre vessel		900 369	416

N°	Designation	Page	Ref	€ Excl. tax
282	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	900 404	22
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	900 423	605
>	MHT 45/70-FM		900 497	707
>	MHT 20/45		900 476	605
>	MHT 20/45-FM		900 612	707
>	MHE		900 611	952
>	MHE-FM		900 617	1 038
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-F Wired (if MHT)	76	900 470	61
>	TH4 CL4 Wired (if MHT)		900 410	103
>	TH4-R Radio (if MHT)		900 471	164
>	TH4 CL4 Radio (if MHT)		900 411	240
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	900 423	605
>	MHT 45/70-FM		900 497	707
>	MHT 20/45		900 476	605
>	MHT 20/45-FM		900 612	707
>	MHE		900 611	952
>	MHE-FM		900 617	1 038
351	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-F Wired (if MHT)	76	900 470	61
>	TH4 CL4 Wired (if MHT)		900 410	103
>	TH4-R Radio (if MHT)		900 471	164
>	TH4 CL4 Radio (if MHT)		900 411	240
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP BM	75	900 486	506
>	MHP BM-FM		900 614	638
621	**Choice of DHW tank according to capacity**			
>	PE 150/1S - Gray	73	900 479	1 386
>	PE 200/1S - Gray		900 475	1 523
>	PE 300/1S - Gray		900 606	1 702
>	PE 500/1S - Gray		900 624	2 160
651	**If mixed electric DHW, choose immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	900 301	405
>	TR45 - 4,5 kW mono		900 446	413
>	TR60 - 6,0 kW mono		900 447	747
>	TR30 - 3,0 kW tri		900 555	473
>	TR45 - 4,5 kW tri		900 448	525
>	TR60 - 6,0 kW tri		900 449	540
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	900 450	63
801	**Draught moderator**			
>	MT180 diameter 180mm	76	900 467	185

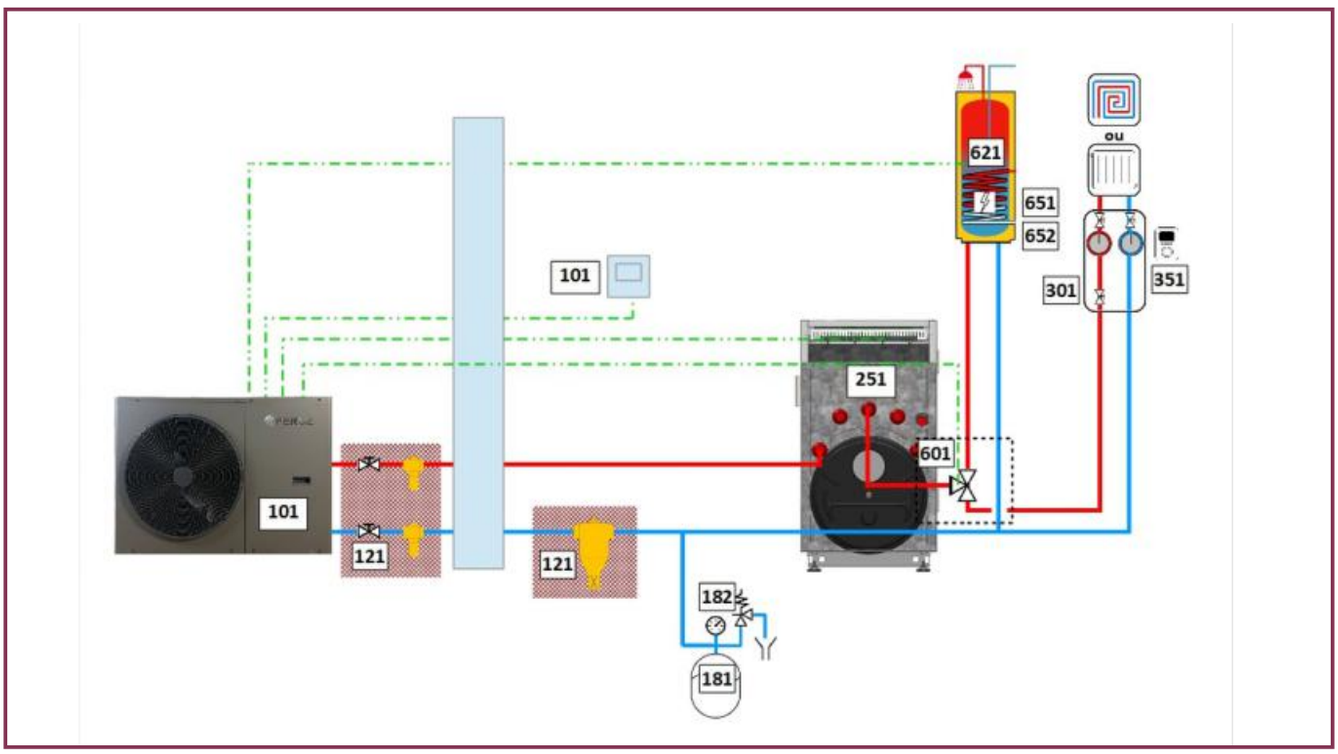
OptiPac MR32 coupled with OptiPellet pellet boiler - OPP44



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPac MR32 4 Mono -R	17	**920 020**	**3 279**
>	OptiPac MR32 6 Mono -R		**920 021**	**3 560**
>	OptiPac MR32 8 Mono -R		**920 022**	**3 968**
>	OptiPac MR32 10 Mono -R		**920 023**	**4 577**
>	OptiPac MR32 12 Mono -R		**920 024**	**5 358**
>	OptiPac MR32 14 Mono -R		**920 025**	**6 264**
>	OptiPac MR32 16 Mono -R		**920 026**	**6 566**
>	OptiPac MR32 12 Tri -R		**920 027**	**5 962**
>	OptiPac MR32 14 Tri -R		**920 028**	**6 792**
>	OptiPac MR32 16 Tri -R		**920 029**	**7 245**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
251	**Boiler model choice based on output**			
>	OptiPellet 12 C-D SS 12kW + Mini silo	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS 17kW + Mini silo		**902 891**	**8 560**
>	OptiPellet 23 C-D SS 23kW + Mini silo		**902 892**	**9 060**
>	OptiPellet 33 C-D SS 33kW + Mini silo		**902 893**	**9 550**
>	OptiPellet 45 C-D SS 45kW + Mini silo		**902 894**	**10 550**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (because in heat pump)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room thermostat choice for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**
601	**If DHW ; required zone valve**			
>	Zone valve	73	**990 839**	**164**
621	**DHW tank choice based on capacity**			
>	PE 200/1S Heat pump 200 l	73	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

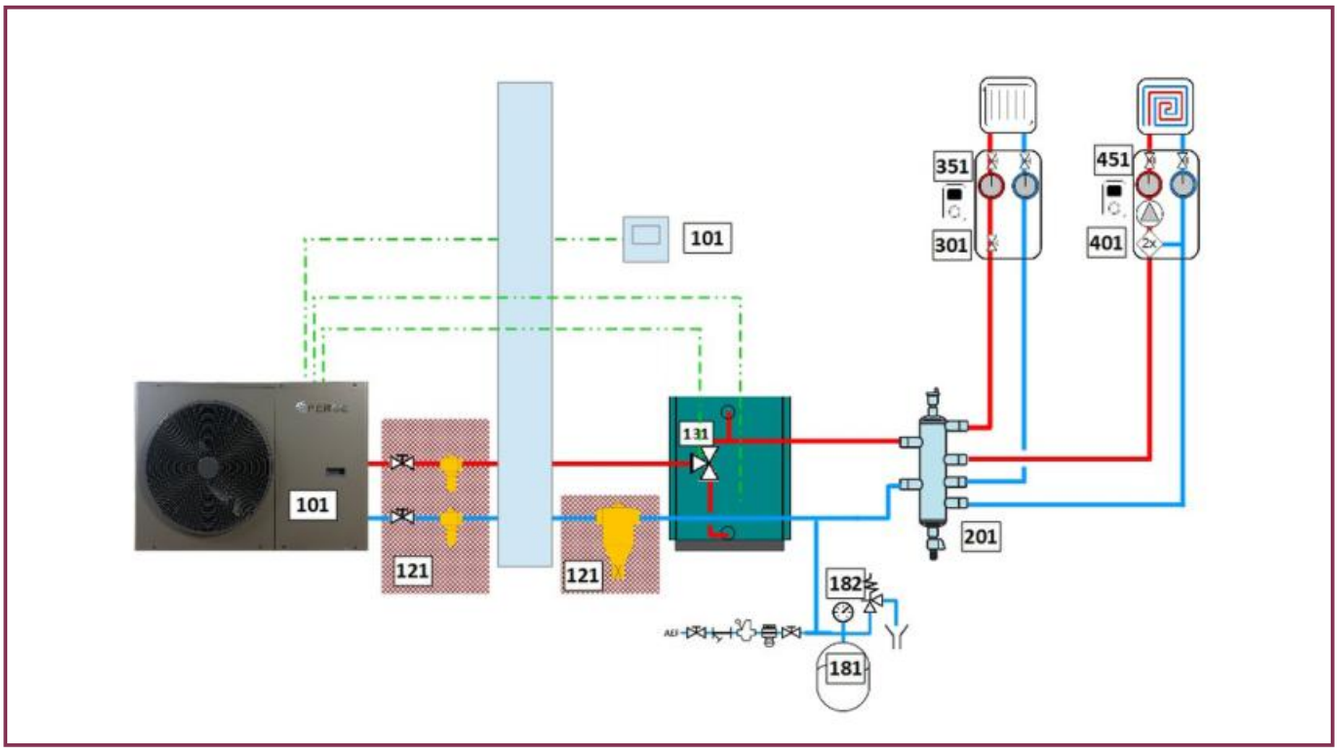
OptiPac MR32 coupled with an Optitherm biofuel boiler - OPP51



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPac MR32 4 Mono -R	17	**920 020**	**3 279**
>	OptiPac MR32 6 Mono -R		**920 021**	**3 560**
>	OptiPac MR32 8 Mono -R		**920 022**	**3 968**
>	OptiPac MR32 10 Mono -R		**920 023**	**4 577**
>	OptiPac MR32 12 Mono -R		**920 024**	**5 358**
>	OptiPac MR32 14 Mono -R		**920 025**	**6 264**
>	OptiPac MR32 16 Mono -R		**920 026**	**6 566**
>	OptiPac MR32 12 Tri -R		**920 027**	**5 962**
>	OptiPac MR32 14 Tri -R		**920 028**	**6 792**
>	OptiPac MR32 16 Tri -R		**920 029**	**7 245**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
251	**Boiler model choice based on output**			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (because in heat pump)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room thermostat choice for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**
601	**If DHW; required zone valve**			
>	Zone valve	17	**990 839**	**164**
621	**DHW tank choice based on capacity**			
>	PE 200/1S Heat pump 200 l	73	**918 003**	**1 670**
>	PE 300/1S Heat pump 300 l		**918 004**	**2 470**
>	PE 150/1S - Gray 150 l		**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**

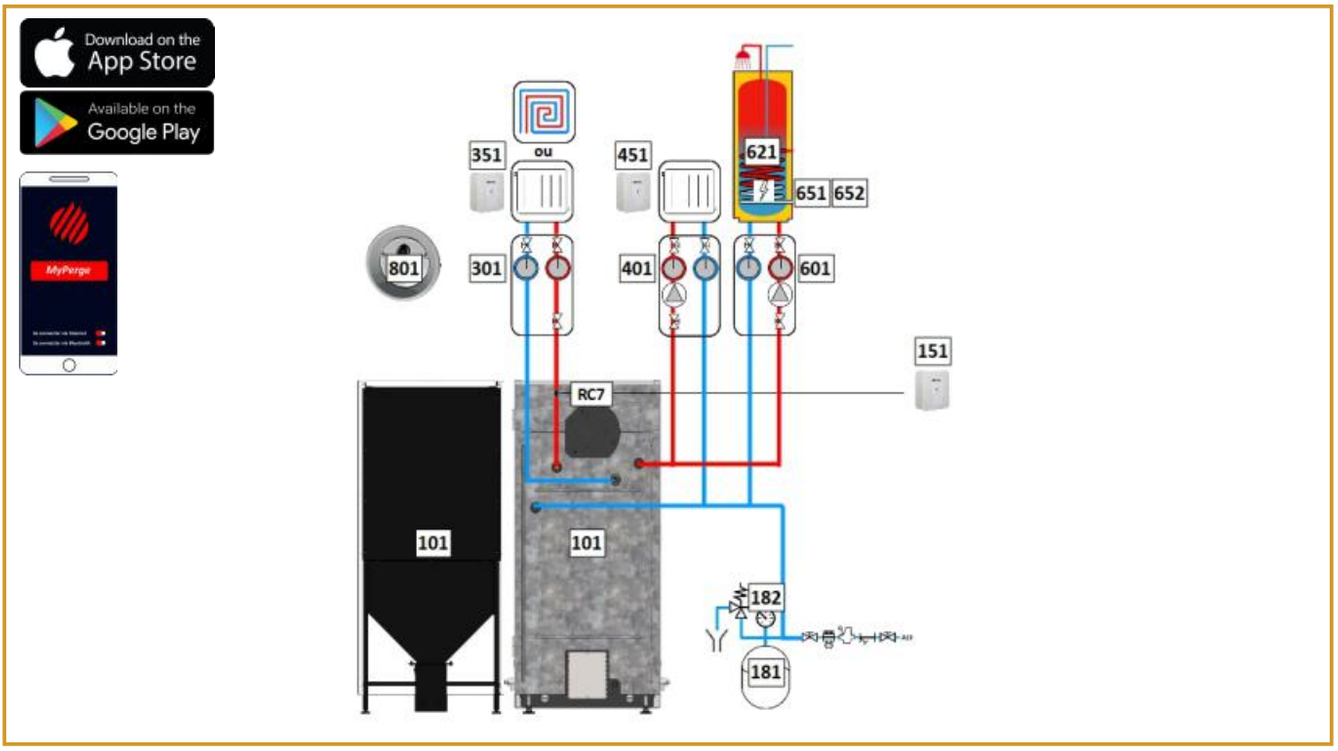
OptiPac MR32 with BM coupled to an existing oil boiler - OPP55



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPac MR32 4 Mono -R	17	**920 020**	**3 279**
>	OptiPac MR32 6 Mono -R		**920 021**	**3 560**
>	OptiPac MR32 8 Mono -R		**920 022**	**3 968**
>	OptiPac MR32 10 Mono -R		**920 023**	**4 577**
>	OptiPac MR32 12 Mono -R		**920 024**	**5 358**
>	OptiPac MR32 14 Mono -R		**920 025**	**6 264**
>	OptiPac MR32 16 Mono -R		**920 026**	**6 566**
>	OptiPac MR32 12 Tri -R		**920 027**	**5 962**
>	OptiPac MR32 14 Tri -R		**920 028**	**6 792**
>	OptiPac MR32 16 Tri -R		**920 029**	**7 245**
121	**EU protection kit (required)**			
>	EU protection kit	24	**900 639**	**427**
131	**If DHW; required zone valve**			
>	Zone valve	17	**990 839**	**164**
182	**Choice of safety system**			
>	Pressure valve with manometer	77	**900 404**	**22**
201	**Decoupling cylinder choice**			
>	25-liter decoupling cylinder	72	**900 701**	**493**
>	50-liter decoupling cylinder		**900 702**	**747**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room thermostat type choice required for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**

N°	Designation	Page	Ref	€ Excl. tax
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MH2X (if underfloor heating)	74	**900 493**	**523**
>	MH2X-FM (if underfloor heating)		**900 616**	**663**
>	MHD (if radiators)		**900 420**	**407**
>	MHD-FM (if radiators)		**900 494**	**538**
451	**Room thermostat type choice required for circuit 2**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4-R		**900 471**	**164**

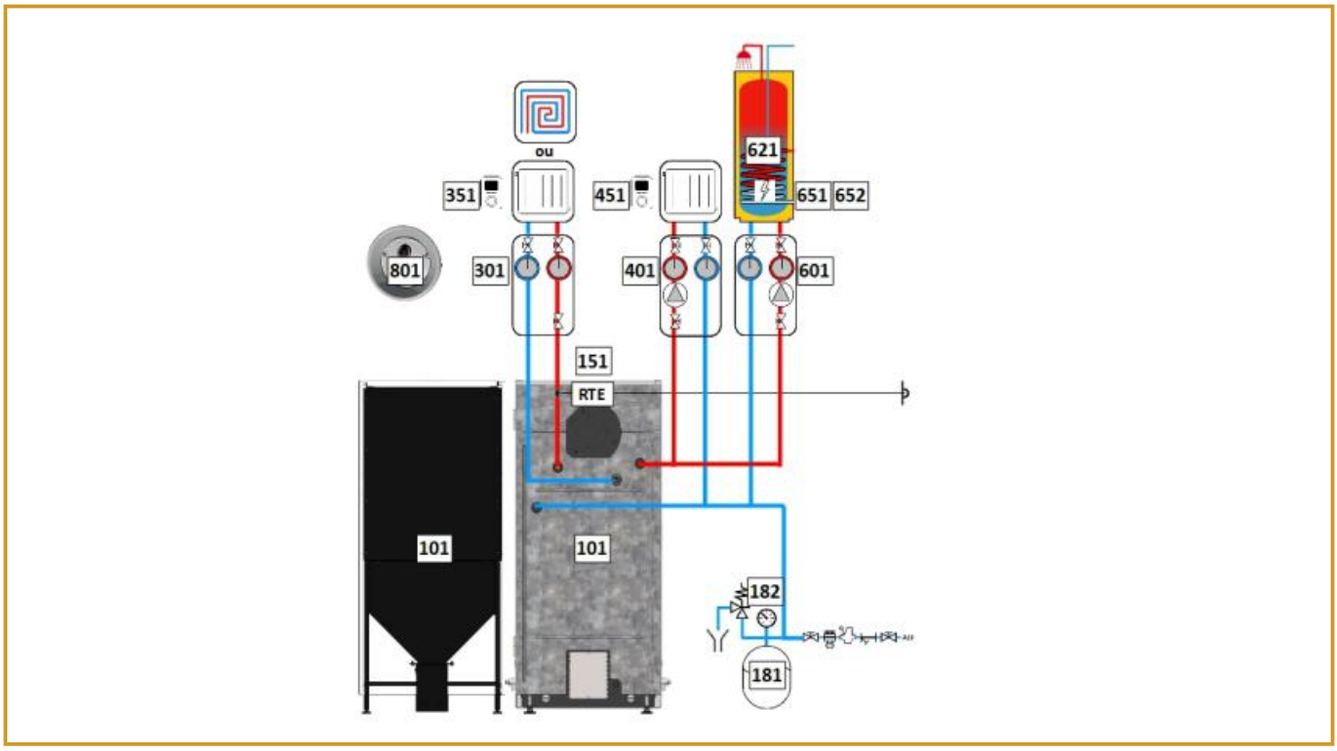
OptiPellet Connect with MiniSilo - OPL11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-DRC7 + MiniSilo	28	**902 850**	**9 660**
>	OptiPellet 17 C-DRC7 + MiniSilo		**902 851**	**9 860**
>	OptiPellet 23 C-DRC7 + MiniSilo		**902 852**	**10 360**
>	OptiPellet 33 C-DRC7 + MiniSilo		**902 853**	**10 850**
>	OptiPellet 45 C-DRC7 + MiniSilo		**902 854**	**11 850**
151	**Outdoor sensor type choice required (Wired or Radio)**			
>	C+ Outdoor Sensor - Wired	28	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room sensor type selection required for circuit 1**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**

N°	Designation	Page	Ref	€ Excl. tax
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor type choice required for circuit 2**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
601	**If DHW :** **- hydraulic module for DHW with electronic circulating pump and DHW temperature sensor** **- DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	73	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW Sensor for Connect		**992 041**	**12**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
651	**If mixed electric DHW, choose immersion heater based on output and electrical supply type**			
>	TR30 mono 3kW	73	**900 301**	**405**
>	TR45 mono 4,5kW		**900 446**	**413**
>	TR60 mono 6kW		**900 447**	**747**
>	TR30 tri 3kW		**900 555**	**473**
>	TR45 tri 4,5kW		**900 448**	**525**
>	TR60 tri 6kW		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180 mm		**900 467**	**185**

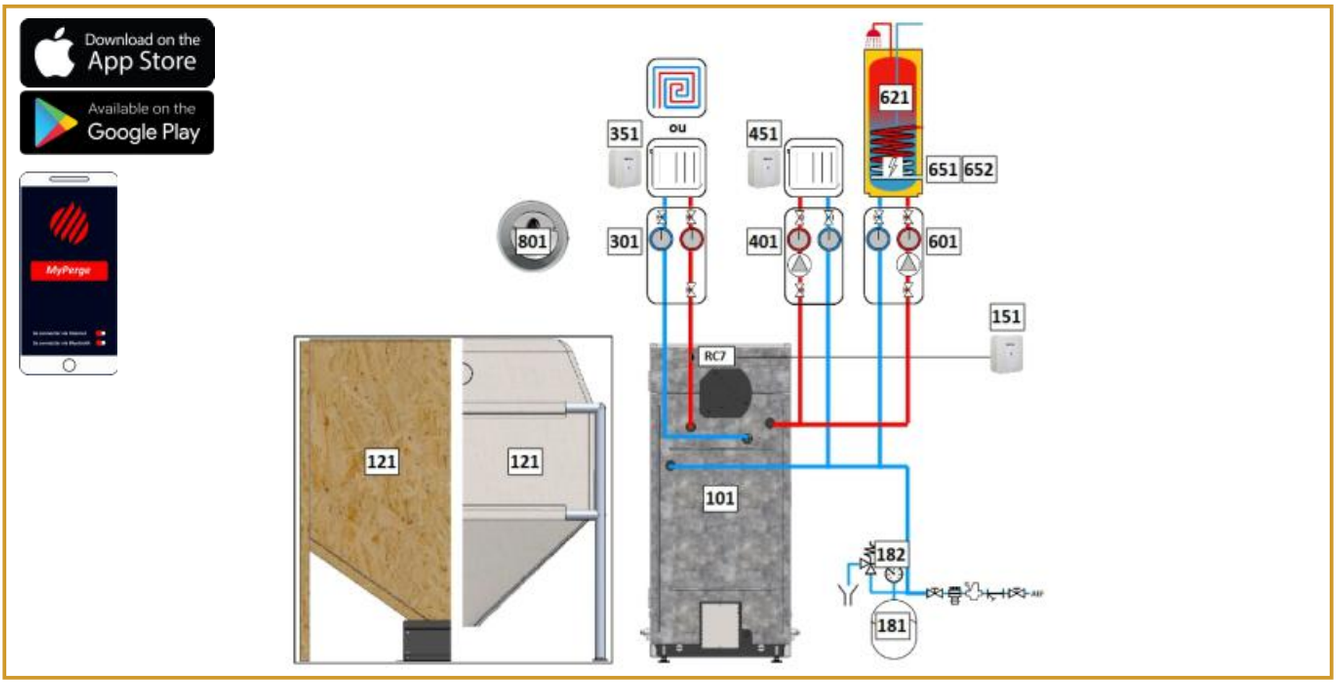
OptiPellet with MiniSilo - OPL01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D + MiniSilo 12kW	29	**902 860**	**8 560**
>	OptiPellet 17 C-D + MiniSilo 17kW		**902 861**	**8 760**
>	OptiPellet 23 C-D + MiniSilo 23kW		**902 862**	**9 260**
>	OptiPellet 33 C-D + MiniSilo 33kW		**902 863**	**9 750**
>	OptiPellet 45 C-D + MiniSilo 45kW		**902 864**	**10 750**
151	**Choice of climate control : - mandatory if underfloor heating - recommended for optimizing consumption even with radiators**			
>	RTE3	29	**900 132**	**390**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Wired or radio room thermostat required for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**

N°	Designation	Page	Ref	€ Excl. tax
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Wired or radio room thermostat required for circuit 2**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW : - MHP DHW hydraulic module with charging pump and DHW thermostat - DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
>	DHW Thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
651	**If mixed electric DHW, choose immersion heater based on output and electrical supply type**			
>	TR30 mono 3kW	73	**900 301**	**405**
>	TR45 mono 4,5kW		**900 446**	**413**
>	TR60 mono 6kW		**900 447**	**747**
>	TR30 tri 3kW		**900 555**	**473**
>	TR45 tri 4,5kW		**900 448**	**525**
>	TR60 tri 6kW		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180 mm		**900 467**	**185**

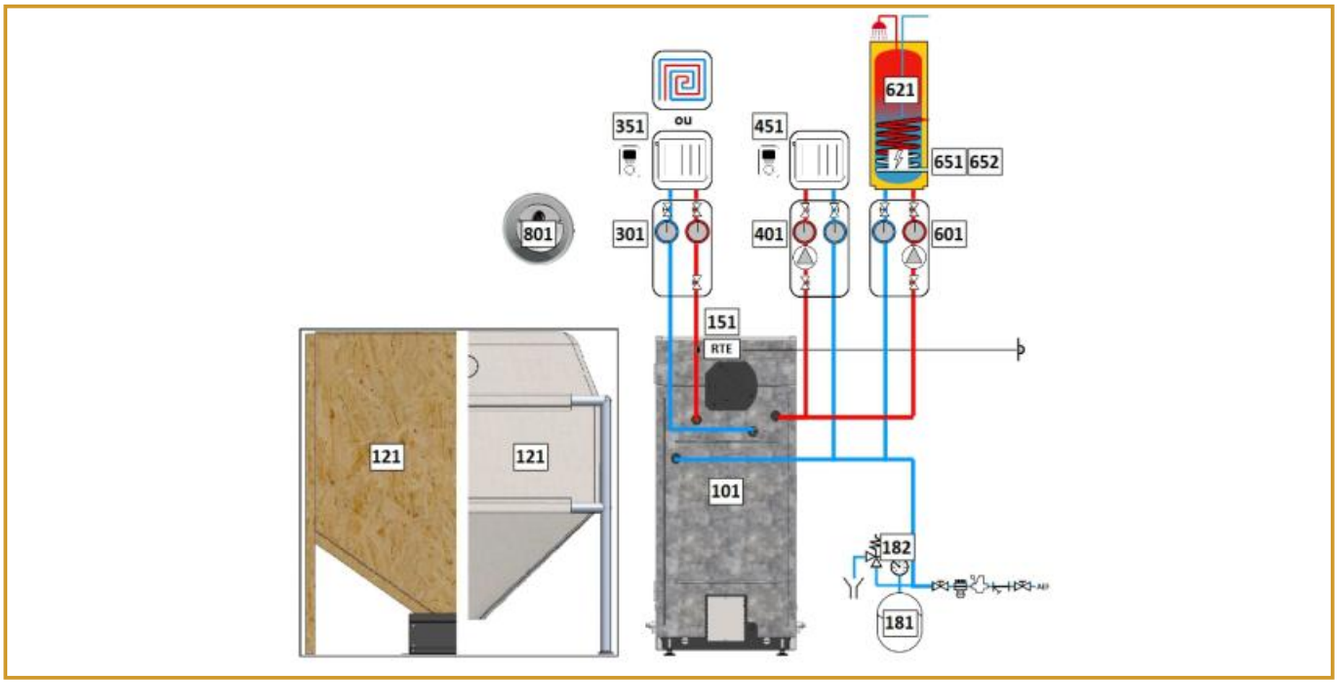
OptiPellet Connect with screw conveying silo - OPL15



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPellet 12 C-DRC7 12kW	28	**902 800**	**8 690**
>	OptiPellet 17 C-DRC7 17kW		**902 801**	**8 890**
>	OptiPellet 23 C-DRC7 23kW		**902 802**	**9 390**
>	OptiPellet 33 C-DRC7 33kW		**902 803**	**9 690**
>	OptiPellet 45 C-DRC7 45kW		**902 804**	**10 690**
121	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat + VTC10	32	**902 680**	**2 600**
>	SilBat + VTC15		**902 681**	**2 790**
>	SilBat + VTC20		**902 682**	**2 890**
>	SilBat + VTC25		**902 683**	**3 080**
>	SilBat + VTC30		**902 684**	**3 170**
>	SilTex 200x200 + VTA	34	**902 690**	**4 730**
>	SilTex 200x250 + VTA		**902 775**	**4 900**
>	SilTex 250x250 + VTA		**902 691**	**5 270**
>	SilTex 250x300 + VTA		**902 776**	**5 610**
>	SilTex 300x300 + VTA		**902 692**	**5 950**
151	**Outdoor sensor type required (wired or radio)**			
>	C+ Outdoor Sensor - Wired	28	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room sensor type selection required for circuit 1**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**

N°	Designation	Page	Ref	€ Excl. tax
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor type selection required for circuit 2**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
601	**If DHW :** **- hydraulic module for DHW with electronic circulating pump and DHW temperature sensor** **- DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	73	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
651	**If mixed electric DHW, choose immersion heater based on output and electrical supply type**			
>	TR30 mono 3kW	73	**900 301**	**405**
>	TR45 mono 4,5kW		**900 446**	**413**
>	TR60 mono 6kW		**900 447**	**747**
>	TR30 tri 3kW		**900 555**	**473**
>	TR45 tri 4,5kW		**900 448**	**525**
>	TR60 tri 6kW		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

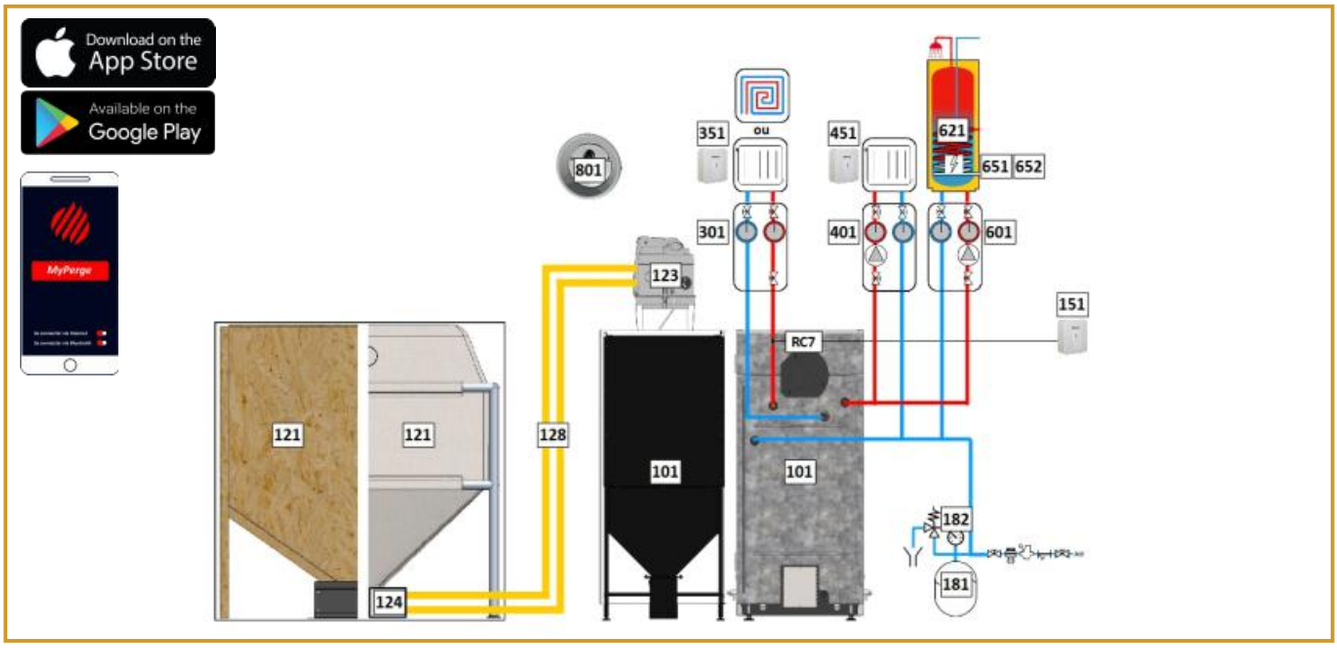
OptiPellet with screw conveying silo - OPL05



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPellet 12 C-D 12kW	29	**902 810**	**7 590**
>	OptiPellet 17 C-D 17kW		**902 811**	**7 790**
>	OptiPellet 23 C-D 23kW		**902 812**	**8 290**
>	OptiPellet 33 C-D 33kW		**902 813**	**8 590**
>	OptiPellet 45 C-D 45kW		**902 814**	**9 590**
121	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat + VTC10	32	**902 680**	**2 600**
>	SilBat + VTC15		**902 681**	**2 790**
>	SilBat + VTC20		**902 682**	**2 890**
>	SilBat + VTC25		**902 683**	**3 080**
>	SilBat + VTC30		**902 684**	**3 170**
>	SilTex 200x200 + VTA	34	**902 690**	**4 730**
>	SilTex 200x250 + VTA		**902 775**	**4 900**
>	SilTex 250x250 + VTA		**902 691**	**5 270**
>	SilTex 250x300 + VTA		**902 776**	**5 610**
>	SilTex 300x300 + VTA		**902 692**	**5 950**
151	**Choice of climate control : - mandatory if underfloor heating - recommended for optimizing consumption even with radiators**			
>	RTE3	29	**900 132**	**390**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Wired or radio room thermostat required for circuit 1**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**

N°	Designation	Page	Ref	€ Excl. tax
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor type selection required for circuit 2**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW : - MHP DHW hydraulic module with charging pump and DHW thermostat - DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
>	DHW thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
651	**Si ECS mixte électrique, choix du thermoplongeur en fonction de sa puissance et du type d'alimentation électrique**			
>	TR30 mono 3kW	73	**900 301**	**405**
>	TR45 mono 4,5kW		**900 446**	**413**
>	TR60 mono 6kW		**900 447**	**747**
>	TR30 tri 3kW		**900 555**	**473**
>	TR45 tri 4,5kW		**900 448**	**525**
>	TR60 tri 6kW		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

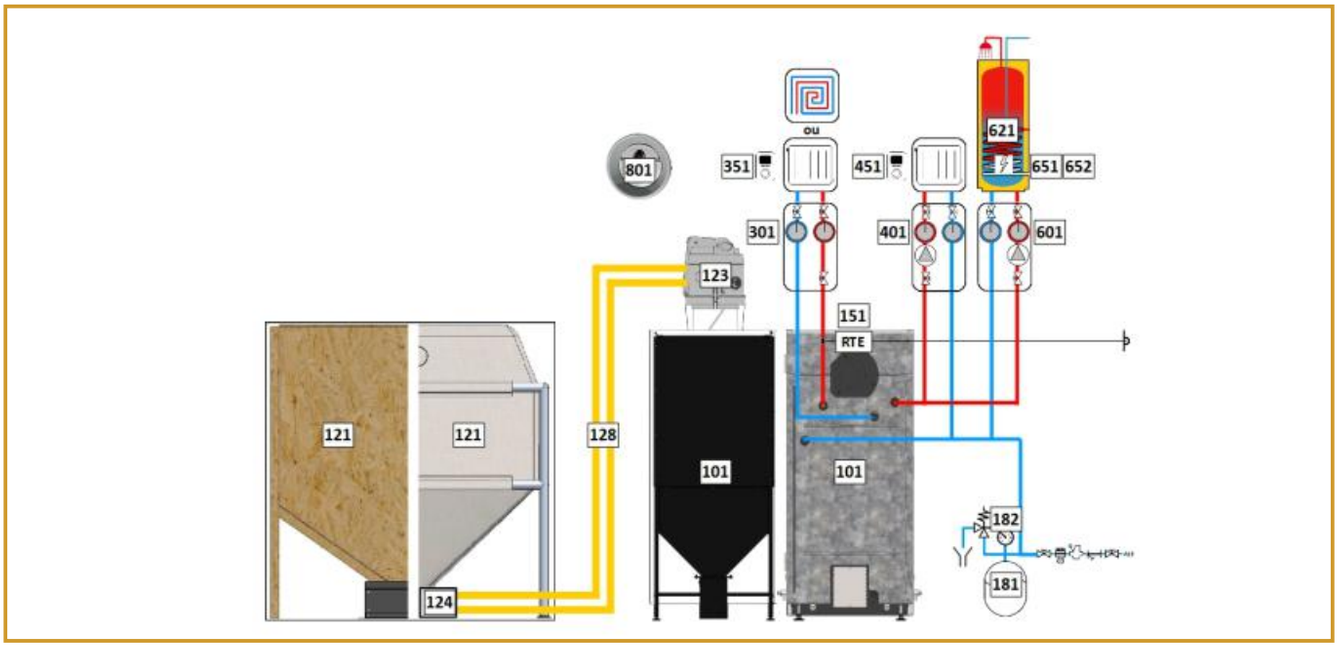
OptiPellet Connect with vacuum conveying silo - OPL16



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPellet 12 C-DRC7 + MiniSilo	28	**902 850**	**9 660**
>	OptiPellet 17 C-DRC7 + MiniSilo		**902 851**	**9 860**
>	OptiPellet 23 C-DRC7 + MiniSilo		**902 852**	**10 360**
>	OptiPellet 33 C-DRC7 + MiniSilo		**902 853**	**10 850**
>	OptiPellet 45 C-DRC7 + MiniSilo		**902 854**	**11 850**
121	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat 10 Aspi	32	**902 700**	**1 960**
>	SilBat 15 Aspi		**902 701**	**2 120**
>	SilBat 20 Aspi		**902 702**	**2 200**
>	SilBat 25 Aspi		**902 703**	**2 420**
>	SilBat 30 Aspi		**902 704**	**2 490**
>	SilTex 200x200	34	**902 676**	**3 030**
>	SilTex 200x250		**902 770**	**3 200**
>	SilTex 250x250		**902 677**	**3 570**
>	SilTex 250x300		**902 771**	**3 910**
>	SilTex 300x300		**902 678**	**4 250**
123	**Central vacuum unit choice (SilBat: required separate components) Note: In the case of SilTex, don't forget the required add-on**			
>	Monobloc central vacuum unit	32	**902 821**	**1 020**
>	Separate-element central vacuum unit		**902 827**	**1 540**
124	**Required add-on if SilTex silo**			
>	For two-pipe vacuum	34	**902 823**	**395**
>	For single-pipe vacuum		**902 824**	**677**
128	**Vacuum piping**			
>	Suction pipes, 20m long	34	**902 698**	**430**
151	**Outdoor sensor type required (wired or radio)**			
>	C+ Outdoor Sensor - Wired	28	**900 600**	**55**
>	C+ Outdoor Sensor - Radio		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**

N°	Designation	Page	Ref	€ Excl. tax
351	**Room sensor type selection required for circuit 1**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor type selection required for circuit 2**			
>	C+-F room sensor	28	**900 602**	**54**
>	C+-R Room Sensor		**900 601**	**115**
>	Wired Room Sensor button		**900 604**	**75**
>	Radio Room Sensor button		**900 605**	**138**
601	**If DHW: - hydraulic module for DHW with electronic circulating pump and DHW temperature sensor - DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	73	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	**900 479**	**1 386**
>	PE 200/1S - Gray 200 l		**900 475**	**1 523**
>	PE 300/1S - Gray 300 l		**900 606**	**1 702**
>	PE 500/1S - Gray 500 l		**900 624**	**2 160**
651	**If mixed electric DHW, choose immersion heater based on output and electrical supply type**			
>	TR30 mono 3kW	73	**900 301**	**405**
>	TR45 mono 4,5kW		**900 446**	**413**
>	TR60 mono 6kW		**900 447**	**747**
>	TR30 tri 3kW		**900 555**	**473**
>	TR45 tri 4,5kW		**900 448**	**525**
>	TR60 tri 6kW		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

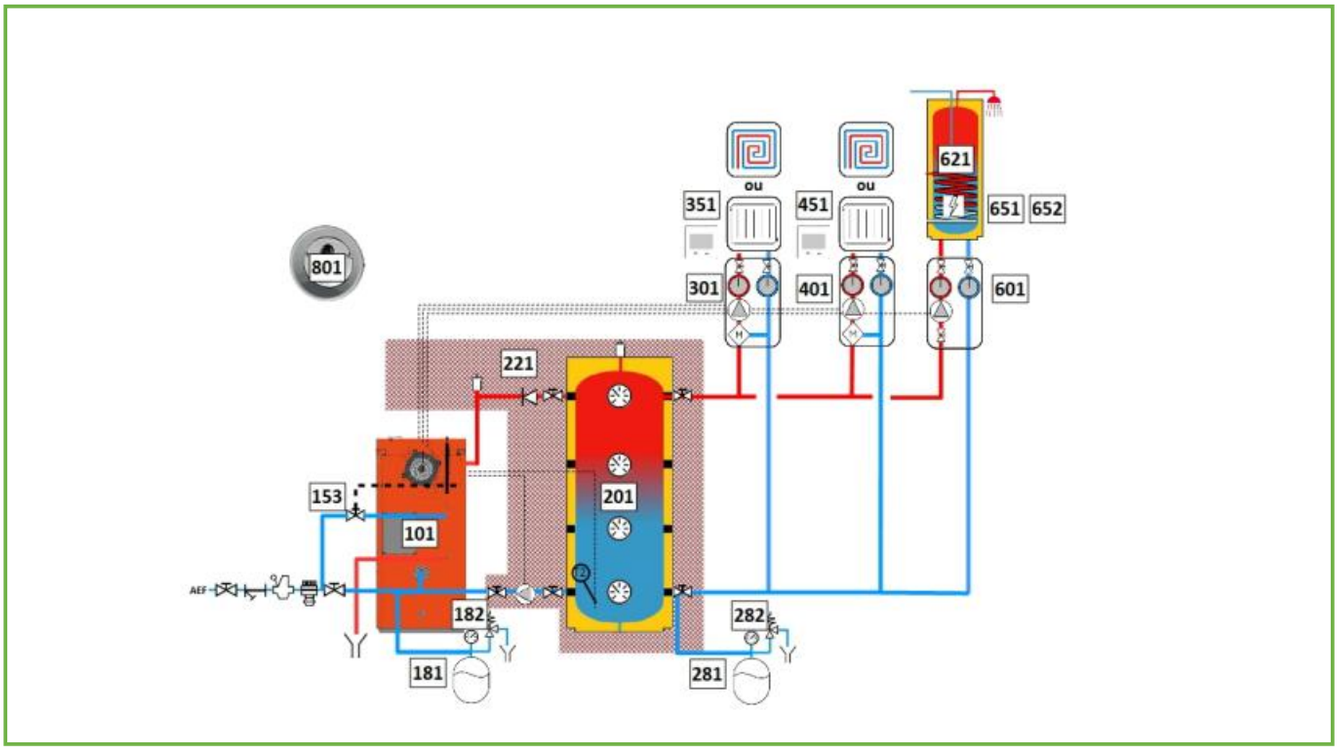
OptiPellet with vacuum conveying silo - OPL06



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on output**			
>	OptiPellet 12 + MiniSilo	29	902 860	8 560
>	OptiPellet 17 + MiniSilo		902 861	8 760
>	OptiPellet 23 + MiniSilo		902 862	9 260
>	OptiPellet 33 + MiniSilo		902 863	9 750
>	OptiPellet 45 + MiniSilo		902 864	10 750
121	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat 10 Aspi	32	902 700	1 960
>	SilBat 15 Aspi		902 701	2 120
>	SilBat 20 Aspi		902 702	2 200
>	SilBat 25 Aspi		902 703	2 420
>	SilBat 30 Aspi		902 704	2 490
>	SilTex 200x200	34	902 676	3 030
>	SilTex 200x250		902 770	3 200
>	SilTex 250x250		902 677	3 570
>	SilTex 250x300		902 771	3 910
>	SilTex 300x300		902 678	4 250
123	**Central vacuum unit choice (SilBat: required separate components)** **Note: In the case of SilTex, don't forget the required add-on**			
>	Monobloc central vacuum unit	32	902 821	1 020
>	Separate-element central vacuum unit		902 827	1 540
124	**Required add-on if SilTex silo**			
>	For two-pipe vacuum	34	902 823	395
>	For single-pipe vacuum		902 824	677
128	**Vacuum piping**			
>	Suction pipes, 20m long	34	902 698	430
151	**Choice of climate control :** **- mandatory if underfloor heating** **- recommended for optimizing consumption even with radiators**			
>	RTE3	29	900 132	390
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	900 370	53
>	24-litre vessel		900 365	63
>	35-litre vessel		900 366	105
>	50-litre vessel		900 367	125
182	**Choice of safety system**			
>	Pressure valve with manometer	75	900 404	22
>	PSRV Stem		900 564	94
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump**			
>	MHS	74	900 445	270
>	MHS-FM		900 499	410

N°	Designation	Page	Ref	€ Excl. tax
351	**Wired or radio room thermostat required for circuit 1**			
>	TH4-Wired	76	900 470	61
>	TH4 CL4 Wired		900 410	103
>	TH4-Radio		900 471	164
>	TH4 CL4 Radio		900 411	240
401	**If Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	900 420	407
>	MHD-FM		900 494	538
451	**Wired or radio room thermostat required for circuit 2**			
>	TH4-Wired	76	900 470	61
>	TH4 CL4 Wired		900 410	103
>	TH4-Radio		900 471	164
>	TH4 CL4 Radio		900 411	240
601	**If DHW :** **- MHP DHW hydraulic module with charging pump and DHW thermostat** **- DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	900 444	452
>	MHP-FM		900 498	583
>	DHW Thermostat		900 549	93
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray 150 l	73	900 479	1 386
>	PE 200/1S - Gray 200 l		900 475	1 523
>	PE 300/1S - Gray 300 l		900 606	1 702
>	PE 500/1S - Gray 500 l		900 624	2 160
651	**If mixed electric DHW, choose immersion heater based on output and electrical supply type**			
>	TR30 mono 3kW	73	900 301	405
>	TR45 mono 4,5kW		900 446	413
>	TR60 mono 6kW		900 447	747
>	TR30 tri 3kW		900 555	473
>	TR45 tri 4,5kW		900 448	525
>	TR60 tri 6kW		900 449	540
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	900 450	63
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	900 465	151
>	MT150 diameter 150 mm		900 466	161
>	MT180 diameter 180mm		900 467	185

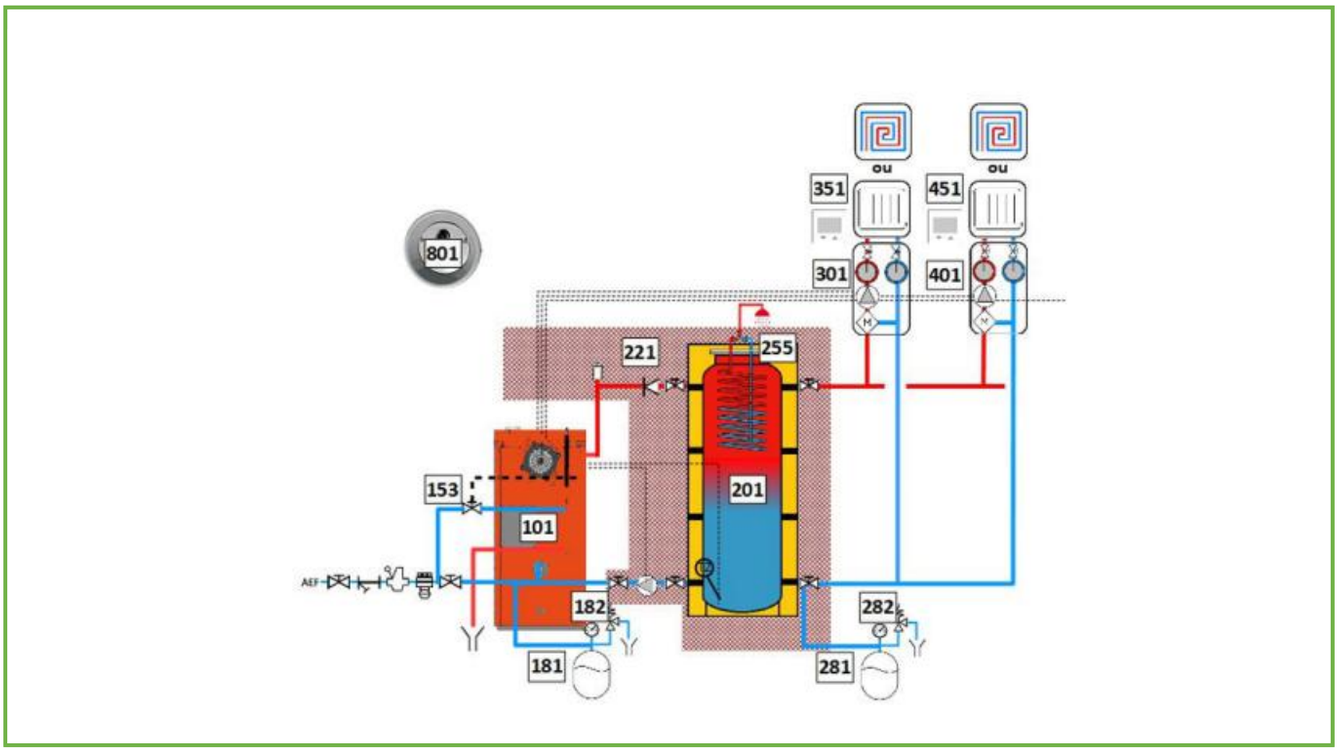
Class 5 GFI log-burning boiler with buffer tank - GFI01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
153	**Thermal safety valve**			
>	Thermal safety valve	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**
>	GFIB2		**900 489**	**654**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**

N°	Designation	Page	Ref	€ Excl. tax
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
601	**If DHW :** **- Direct hydraulic module for DHW (circulating pump, shut-off valves, thermometers, anti-thermosiphon valve)**			
>	MHP GFI	74	**900 490**	**437**
>	MHP GFI-FM		**900 615**	**568**
>	SDG-GFI		**992 329**	**26**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gris	73	**900 479**	**1 386**
>	PE 200/1S - Gris		**900 475**	**1 523**
>	PE 300/1S - Gris		**900 606**	**1 702**
>	PE 500/1S - Gris		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 mono	73	**900 301**	**405**
>	TR45 mono		**900 446**	**413**
>	TR60 mono		**900 447**	**747**
>	TR30 tri		**900 555**	**473**
>	TR45 tri		**900 448**	**525**
>	TR60 tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

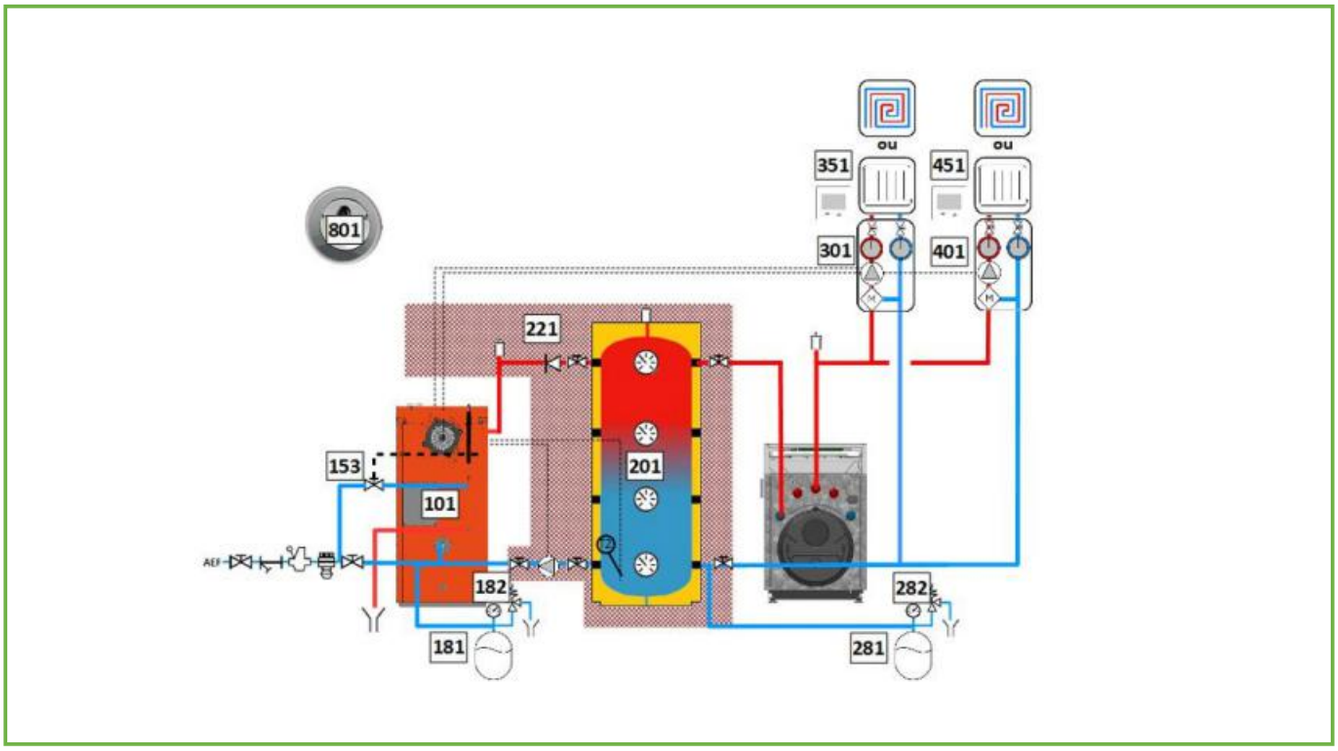
Class 5 GFI log-burning boiler with mixed buffer tank- GFI02



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
153	**Thermal safety valve**			
>	Thermal safety valve	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Mixed buffer tank choice**			
	Removable copper DHW coil			
>	BTM-SC 500	73	**900 580**	**2 450**
>	BTM-SC 800		**900 581**	**2 886**
>	BTM-SC 1000		**900 582**	**3 004**
>	BTM-SC 1500		**900 583**	**4 259**
>	BTM-SC 2000		**900 587**	**5 795**
	Stainless steel DHW coil			
>	BTM-SI 500	73	**900 309**	**2 886**
>	BTM-SI 800		**900 310**	**3 004**
>	BTM-SI 1000		**900 316**	**4 259**

N°	Designation	Page	Ref	€ Excl. tax
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**
>	GFIB2		**900 489**	**654**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

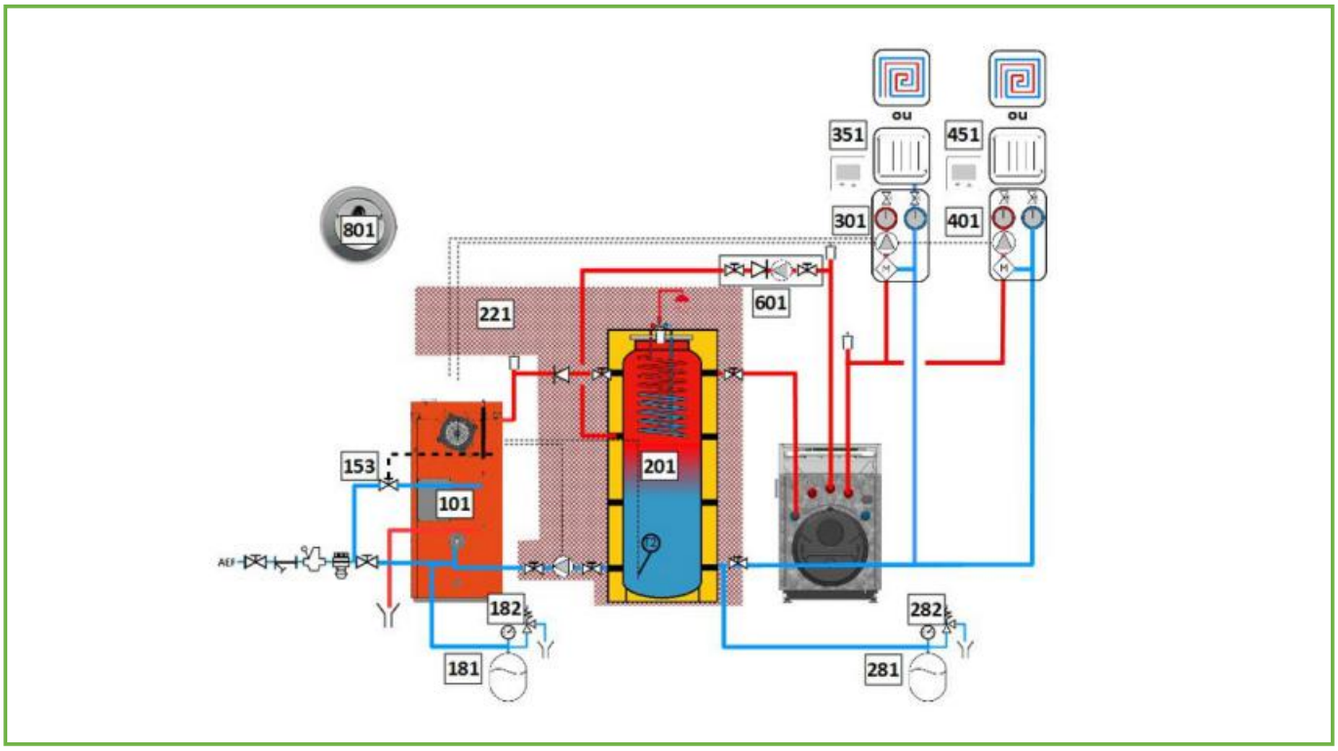
GFI with BT coupled to an biofioul Optitherm - CGF01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
153	**Thermal safety valve**			
>	Thermal safety valve	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**
>	GFIB2		**900 489**	**654**
251	**Choice of back-up boiler model based on power output**			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

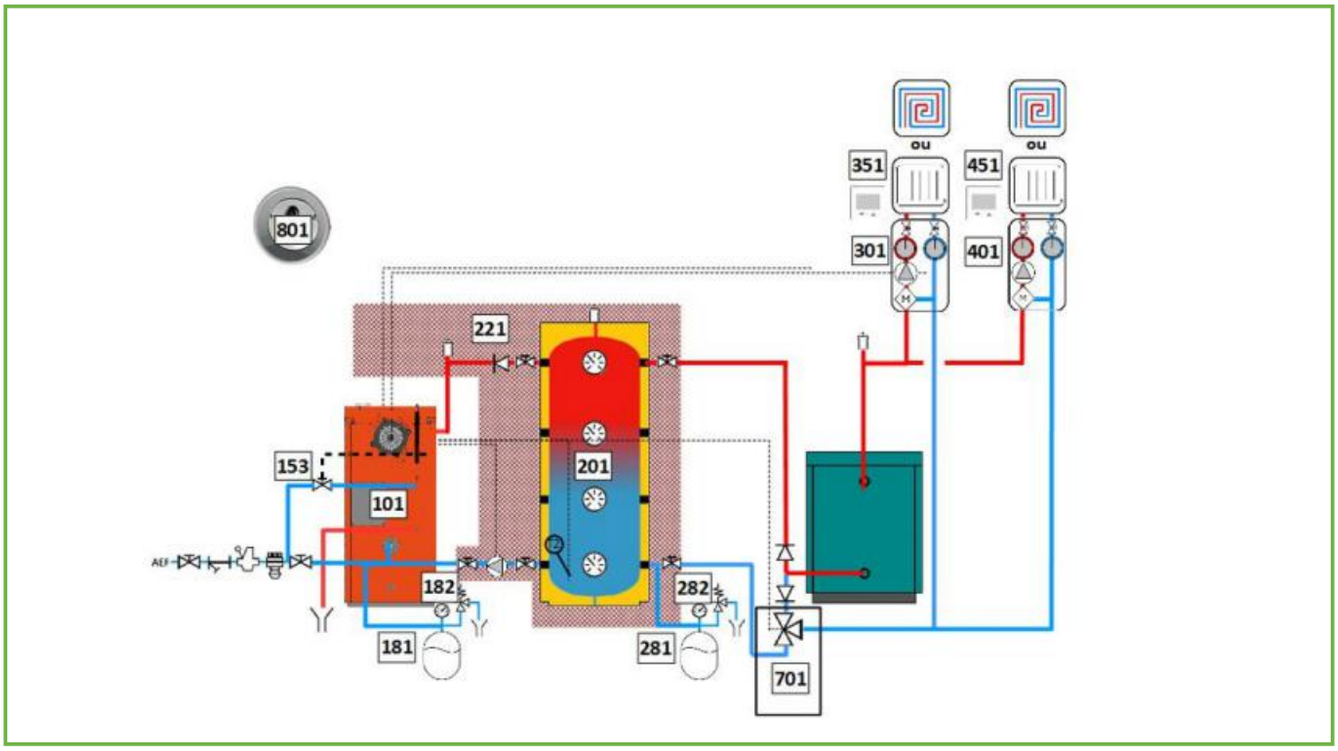
GFI with BTM coupled to an biofioul Optitherm - CGF02



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
153	**Thermal safety valve**			
>	Thermal safety valve	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
	Removable copper DHW coil			
>	BTM-SC 500	73	**900 580**	**2 450**
>	BTM-SC 800		**900 581**	**2 886**
>	BTM-SC 1000		**900 582**	**3 004**
>	BTM-SC 1500		**900 583**	**4 259**
>	BTM-SC 2000		**900 587**	**5 795**
	Stainless steel DHW coil			
>	BTM-SI 500	73	**900 309**	**2 886**
>	BTM-SI 800		**900 310**	**3 004**
>	BTM-SI 1000		**900 316**	**4 259**

N°	Designation	Page	Ref	€ Excl. tax
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**
>	GFIB2		**900 489**	**654**
251	**Choice of back-up boiler model based on power output**			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
601	**DHW tank**			
>	**DHW tank**	73	**902 658**	**340**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

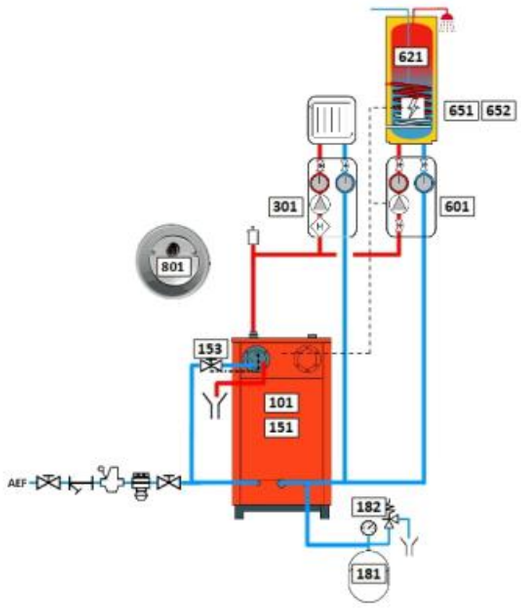
GFI with BT coupled to another oil boiler - CGF03



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
153	**Thermal safety valve**			
>	Thermal safety valve	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**
>	GFIB2		**900 489**	**654**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**

N°	Désignation	Page	Réf	€ Excl. tax
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
701	**GFI coupling - Zone valve and relay**			
>	GFIcoupling	42	**900 654**	**239**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

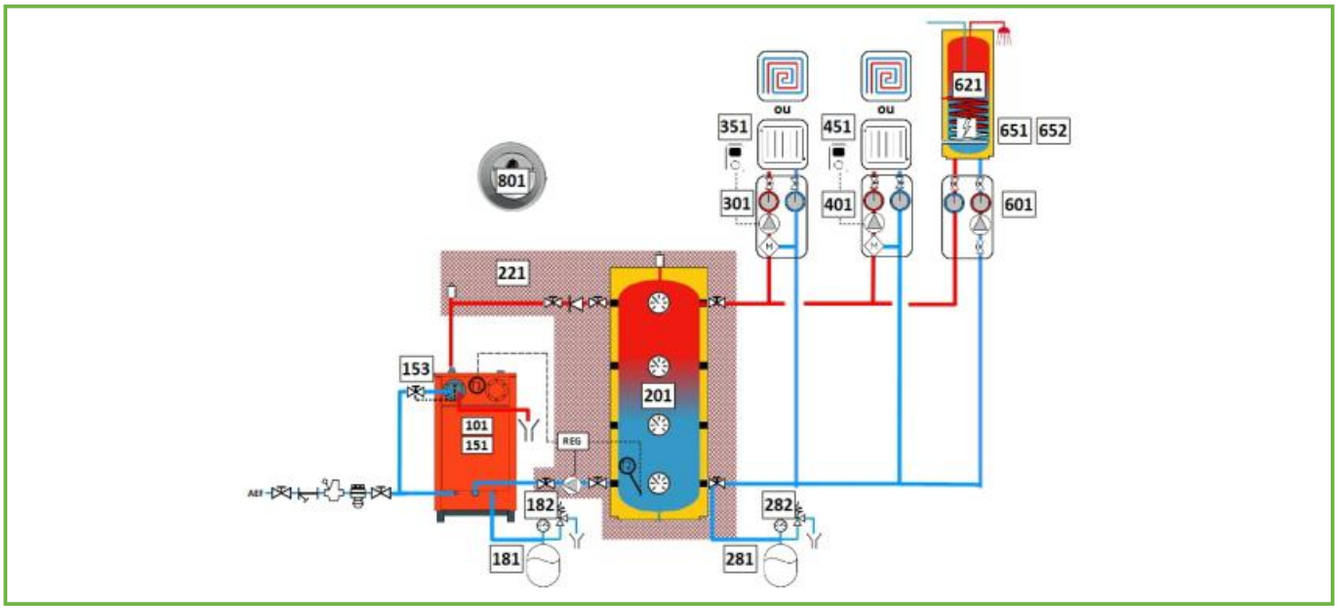
MC Classic log-burning boiler without buffer tank - MCL01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 15.40 Classic		**902 032**	**5 790**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
>	Casing MC 15.40 Classic		**902 033**	**394**
153	**Thermal safety valve**			
>	SST (if MC 15.40 take 2 SST)	42	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
601	**If DHW, direct hydraulic module for DHW with biomass boiler**			
>	MHP BM	75	**900 486**	**506**
>	MHP BM-FM		**900 614**	**638**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diametre 180mm	76	**900 467**	**185**

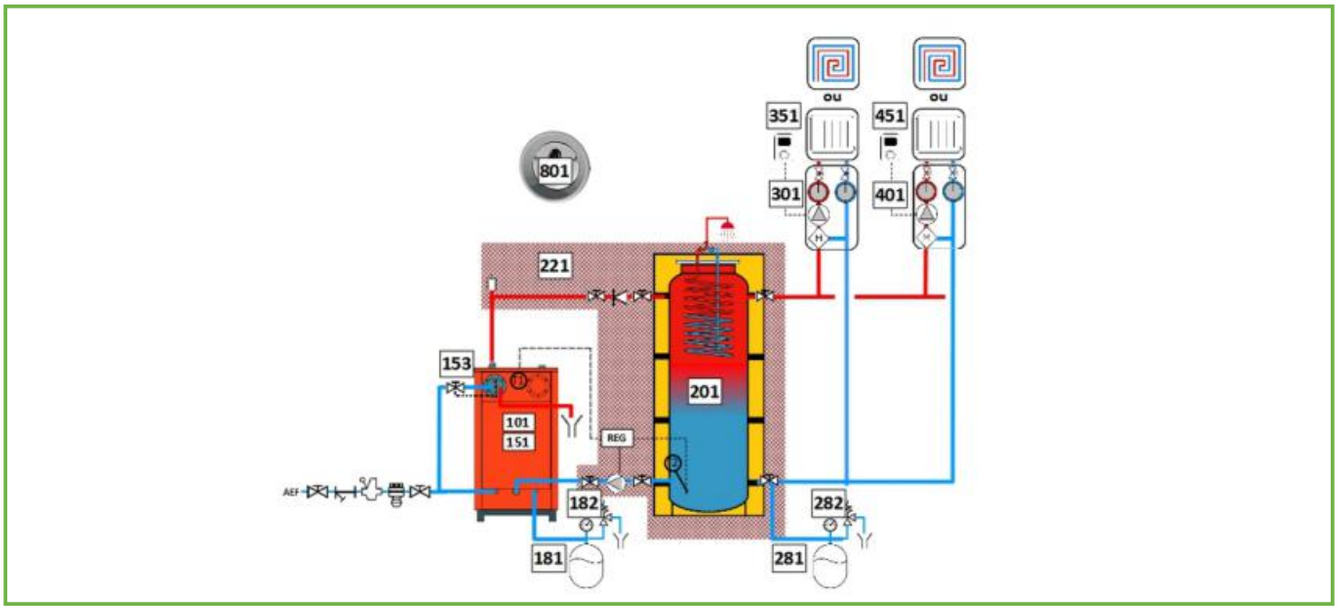
MC Classic log-burning boiler with buffer tank - MCB01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 15.40 Classic		**902 032**	**5 790**
151	**Choice of casing based on the boiler body chosen**			
>	Jaquette MC 5.20 Classic	44	**902 028**	**383**
>	Jaquette MC 5.30 Classic		**902 031**	**475**
>	Jaquette MC 15.40 Classic		**902 033**	**394**
153	**Thermal safety valve**			
>	SST (if MC 15.40 take 2 SST)	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	Accessories MB (1 BT)	72	**900 400**	**1 216**
>	Accessories MB2 (2 BT)		**900 405**	**1 260**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**

N°	Designation	Page	Ref	€ Excl. tax
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-F Wired (si MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (si MHT)		**900 410**	**103**
>	TH4-R Radio (si MHT)		**900 471**	**164**
>	TH4 CL4 Radio (si MHT)		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-F Wired (si MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (si MHT)		**900 410**	**103**
>	TH4-R Radio (si MHT)		**900 471**	**164**
>	TH4 CL4 Radio (si MHT)		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP BM	75	**900 486**	**506**
>	MHP BM-FM		**900 614**	**638**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Bride TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

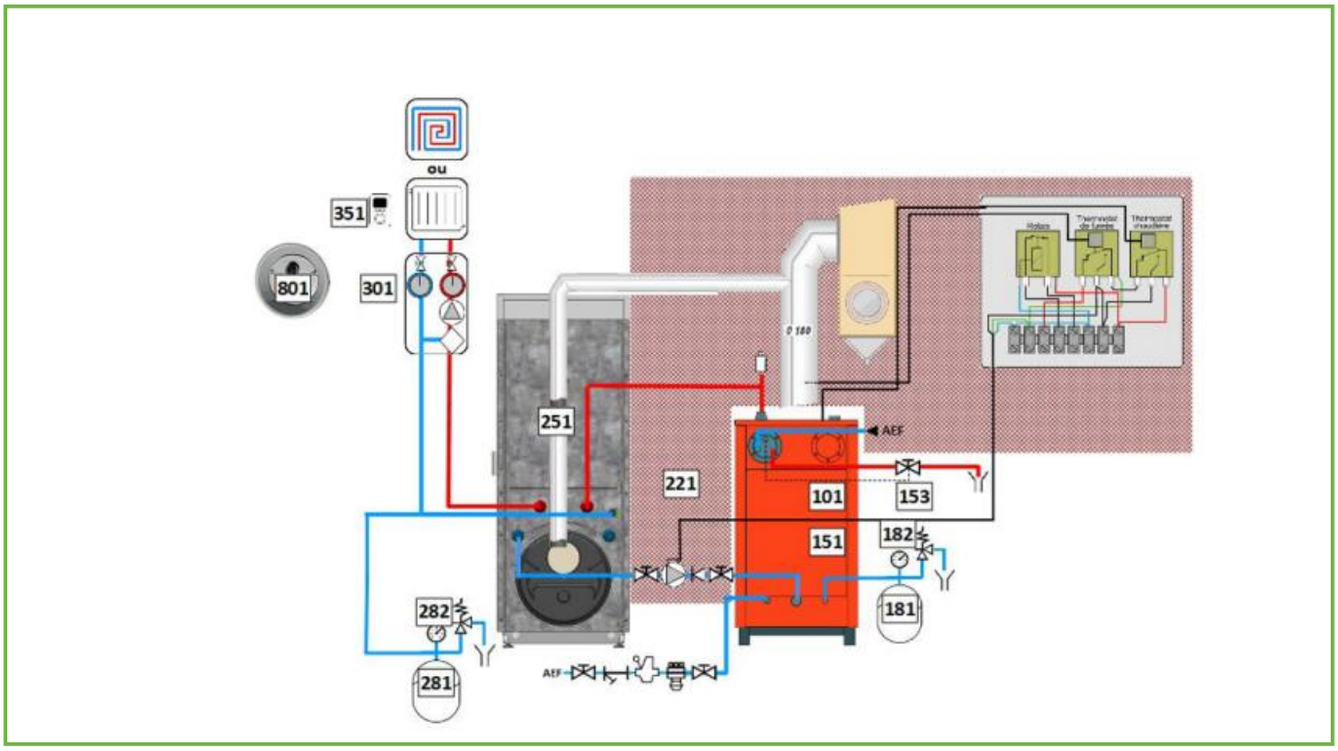
MC Classic log-burning boiler with mixed buffer tank - MCB02



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 15.40 Classic		**902 032**	**5 790**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
>	Casing MC 15.40 Classic		**902 033**	**394**
153	**Thermal safety valve**			
>	SST (if MC 15.40 take 2 SST)	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Mixed buffer tank choice**			
	Removable copper DHW coil			
>	BTM-SC 500	73	**900 580**	**2 450**
>	BTM-SC 800		**900 581**	**2 886**
>	BTM-SC 1000		**900 582**	**3 004**
>	BTM-SC 1500		**900 583**	**4 259**
>	BTM-SC 2000		**900 587**	**5 795**
	Stainless steel DHW coil			
>	BTM-SI 500	73	**900 309**	**2 886**
>	BTM-SI 800		**900 310**	**3 004**
>	BTM-SI 1000		**900 316**	**4 259**

N°	Designation	Page	Ref	€ Excl. tax
221	**Accessories for connecting the GFI boiler to the buffer tank**			
>	Accessories MB (1 BT)	72	**900 400**	**1 216**
>	Accessories MB2 (2 BT)		**900 405**	**1 260**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-F Wired (si MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (si MHT)		**900 410**	**103**
>	TH4-R Radio (si MHT)		**900 471**	**164**
>	TH4 CL4 Radio (si MHT)		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-F Wired (if MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (if MHT)		**900 410**	**103**
>	TH4-R Radio (if MHT)		**900 471**	**164**
>	TH4 CL4 Radio (if MHT)		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

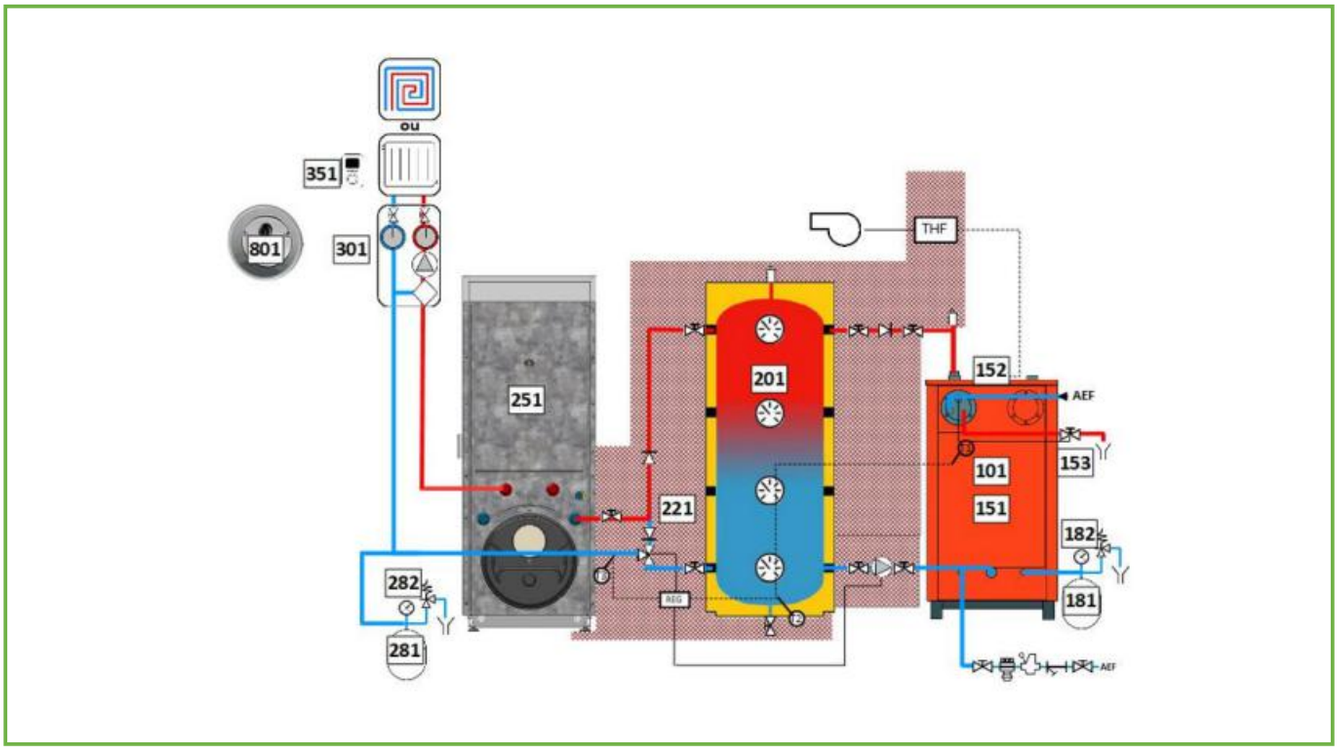
MC Classic coupled with an oil Optitherm - CMC01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Coupling kit MC- Oil	43	**900 112**	**608**
251	**Choice of backup boiler model based on output and DHW production**			
	Biofuel Chimney			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
>	Optitherm 24 B90-F30		**916 012**	**4 840**
>	Optitherm 24 B150-F30		**916 013**	**5 190**
>	Optitherm 32 B150-F30		**916 014**	**5 650**

N°	Designation	Page	Ref	€ Excl. tax
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

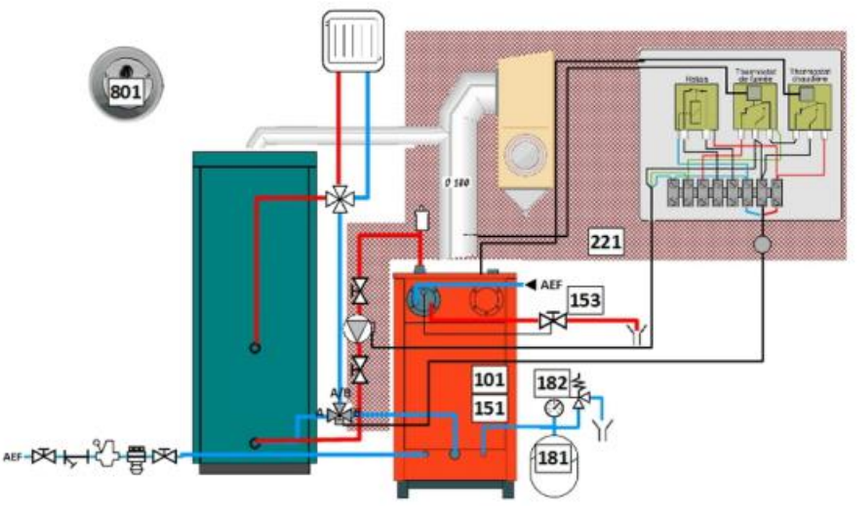
MC with BT coupled to an Oil Optitherm - CMC02



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 5.20 CI		**902 014**	**4 430**
>	MC 5.30 CI PF		**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classique	44	**902 028**	**383**
>	Casing MC 5.30 Classique		**902 031**	**475**
>	Casing MC 5.20, 5.30 CI PF		**902 015**	**476**
>	Casing MC 5.30 CI GF		**902 018**	**513**
152	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MBF1C 1 smoke duct	72	**900 401**	**1 513**
>	Accessories MBF2C 2 smoke duct		**900 402**	**1 394**

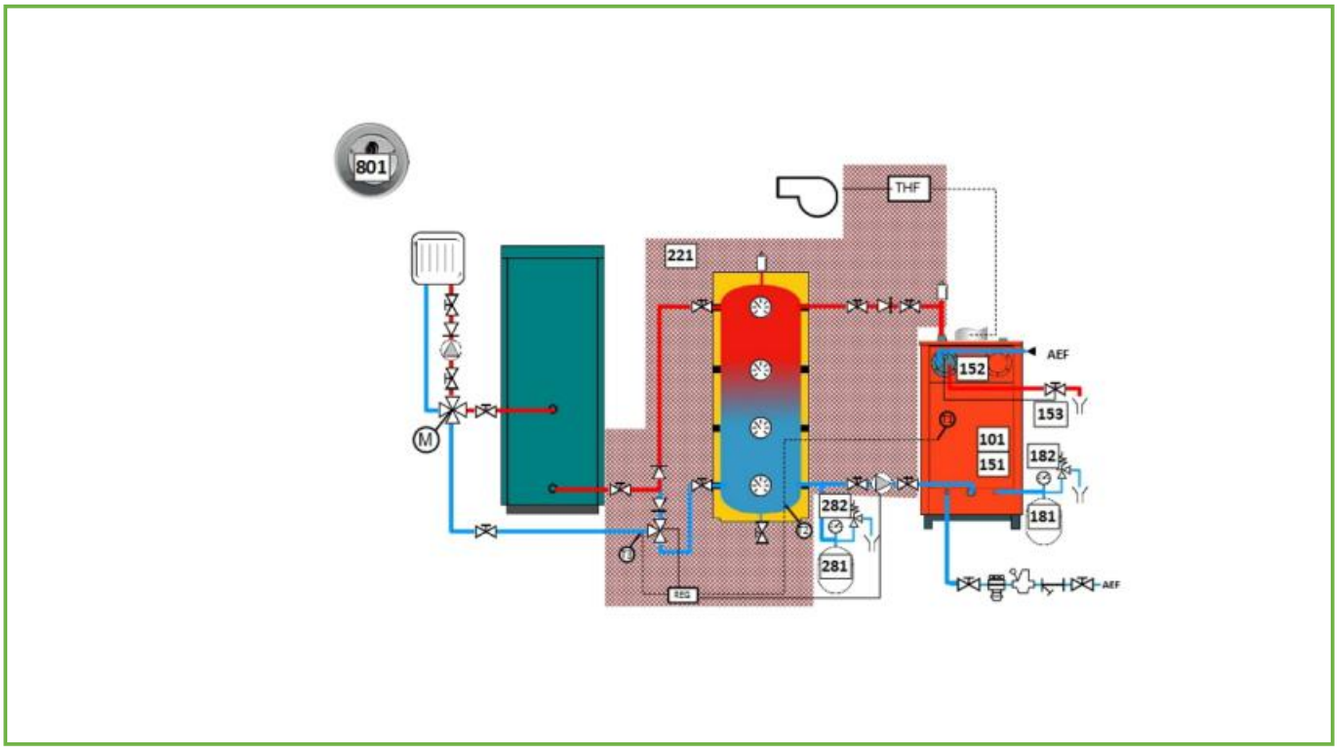
N°	Designation	Page	Ref	€ Excl. tax
251	**Choice of backup boiler model based on output and DHW production**			
	Biofuel Chimney			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
>	Optitherm 24 B90-F30		**916 012**	**4 840**
>	Optitherm 24 B150-F30		**916 013**	**5 190**
>	Optitherm 32 B150-F30		**916 014**	**5 650**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-F Wired (if MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (if MHT)		**900 410**	**103**
>	TH4-R Radio (if MHT)		**900 471**	**164**
>	TH4 CL4 Radio (if MHT)		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

MC Classic coupled with another oil boiler - CMC03



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Coupling kit MC- Oil	43	**900 113**	**748**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

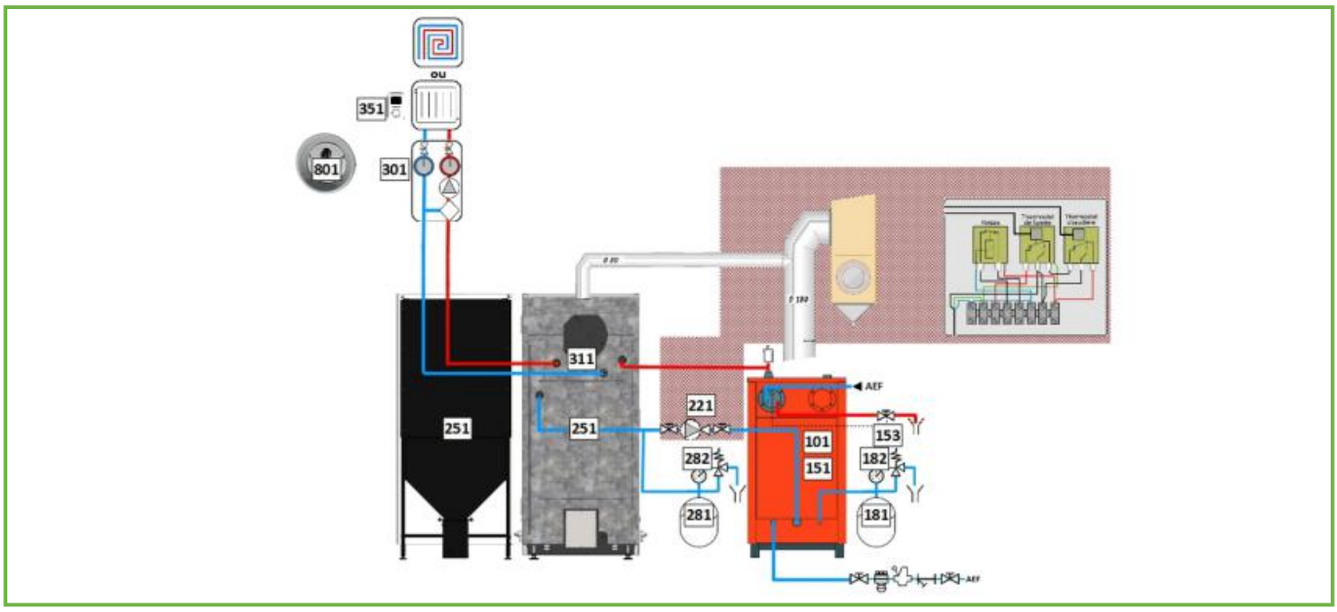
MC with BT coupled to another oil boiler - CMC04



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 5.20 CI		**902 014**	**4 430**
>	MC 5.30 CI PF		**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
>	Casing MC 5.20, 5.30 CI PF		**902 015**	**476**
>	Casing MC 5.30 CI GF		**902 018**	**513**
152	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**

N°	Designation	Page	Ref	€ Excl. tax
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MBF1C 1 smoke duct	72	**900 401**	**1 513**
>	Accessories MBF2C 2 smoke duct		**900 402**	**1 394**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

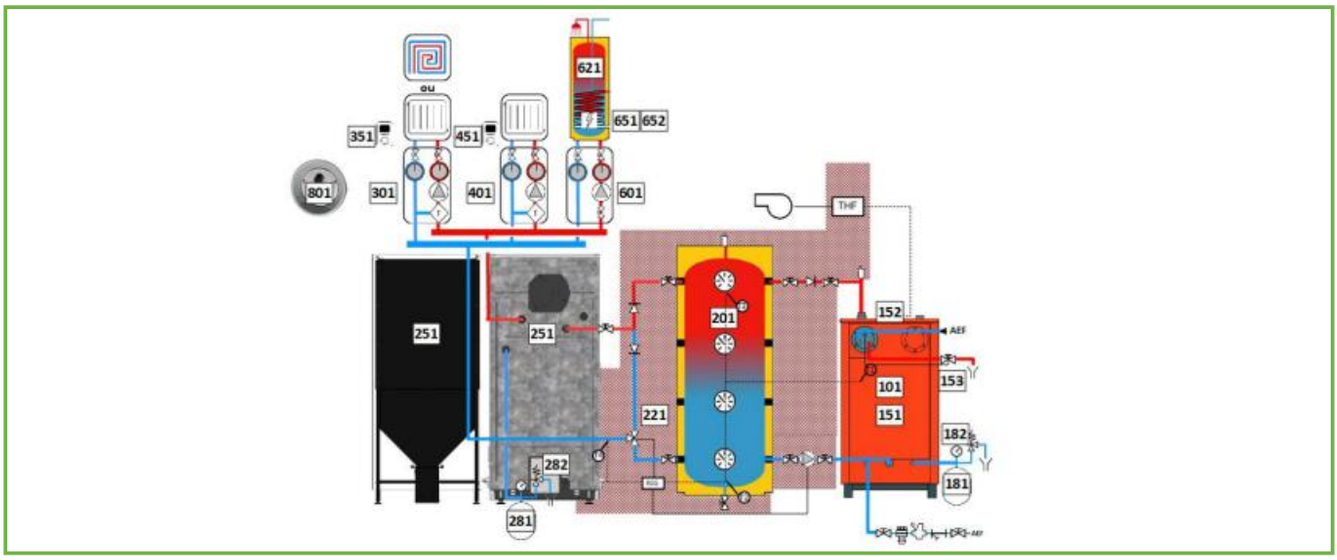
MC Classic coupled with Optipellet + minisilo - CMC11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Coupling kit MC- CDM	43	**900 112**	**608**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS + MiniSilo 12kW	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS + MiniSilo 17kW		**902 891**	**8 560**
>	OptiPellet 23 C-D SS + MiniSilo 23kW		**902 892**	**9 060**
>	OptiPellet 33 C-D SS + MiniSilo 33kW		**902 893**	**9 550**
>	OptiPellet 45 C-D SS + MiniSilo 45kW		**902 894**	**10 550**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**

N°	Designation	Page	Ref	€ Excl. tax
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

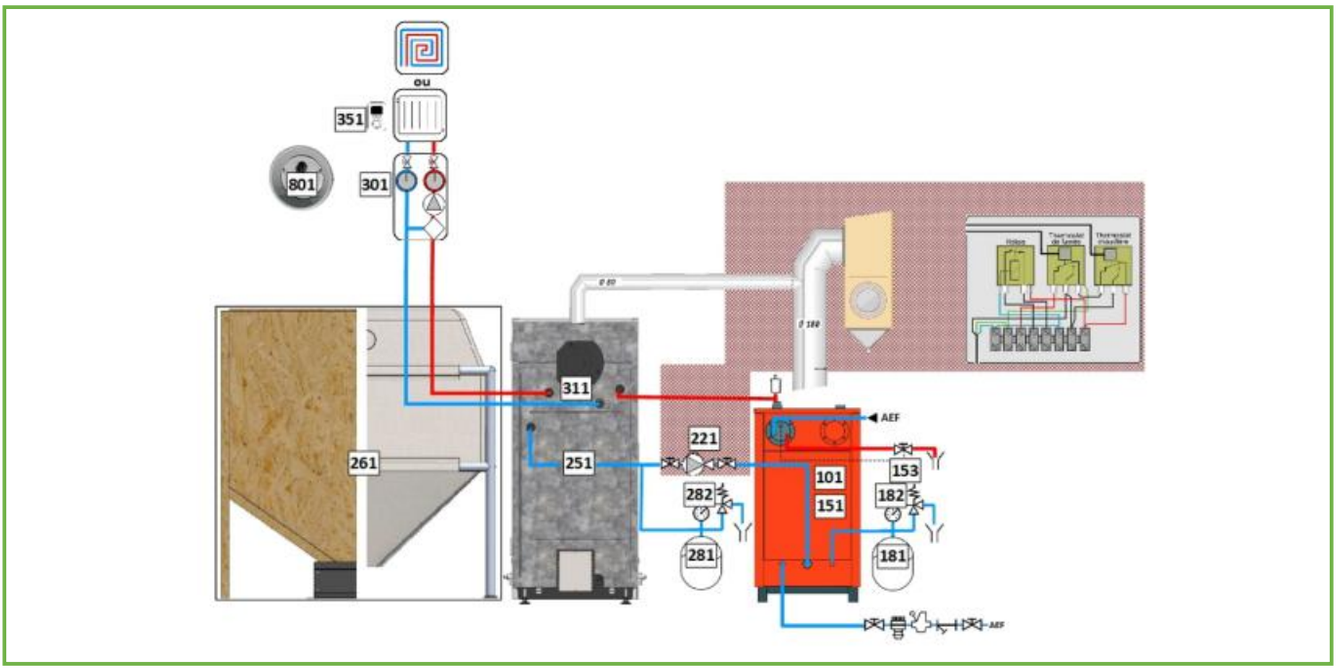
MC with BT coupled with Optipellet + minisilo - CMC21



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Accessories MBF1C 1 smoke duct	72	**900 401**	**1 513**
>	Accessories MBF2C 2 smoke duct		**900 402**	**1 394**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS + MiniSilo 12kW	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS + MiniSilo 17kW		**902 891**	**8 560**
>	OptiPellet 23 C-D SS + MiniSilo 23kW		**902 892**	**9 060**
>	OptiPellet 33 C-D SS + MiniSilo 33kW		**902 893**	**9 550**
>	OptiPellet 45 C-D SS + MiniSilo 45kW		**902 894**	**10 550**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**

N°	Designation	Page	Ref	€ Excl. tax
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

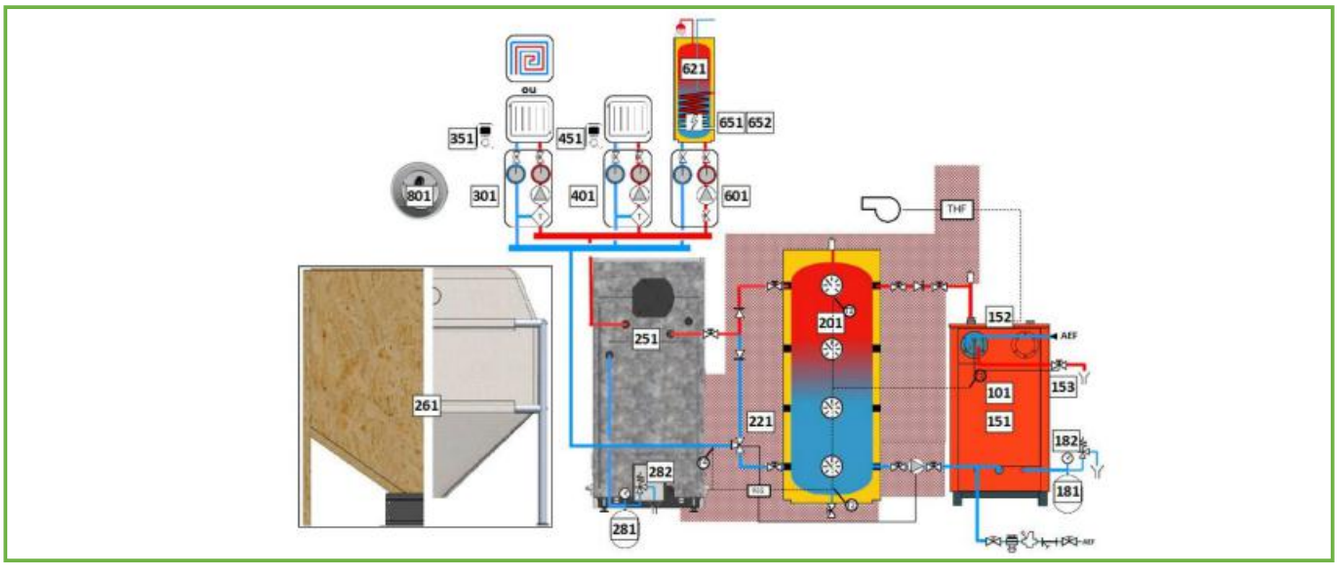
MC Classic coupled with Optipellet + screw conveying silo - CMC15



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Coupling kit MC- CDM	43	**900 112**	**608**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS 12kW	29	**902 840**	**7 390**
>	OptiPellet 17 C-D SS 17kW		**902 841**	**7 590**
>	OptiPellet 23 C-D SS 23kW		**902 842**	**8 090**
>	OptiPellet 33 C-D SS 33kW		**902 843**	**8 390**
>	OptiPellet 45 C-D SS 45kW		**902 844**	**9 390**
261	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat + VTC10	32	**902 680**	**2 600**
>	SilBat + VTC15		**902 681**	**2 790**
>	SilBat + VTC20		**902 682**	**2 890**
>	SilBat + VTC25		**902 683**	**3 080**
>	SilBat + VTC30		**902 684**	**3 170**
>	SilTex 200x200 + VTA	34	**902 690**	**4 730**
>	SilTex 200x250 + VTA		**902 775**	**4 900**
>	SilTex 250x250 + VTA		**902 691**	**5 270**
>	SilTex 250x300 + VTA		**902 776**	**5 610**
>	SilTex 300x300 + VTA		**902 692**	**5 950**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**

N°	Designation	Page	Ref	€ Excl. tax
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

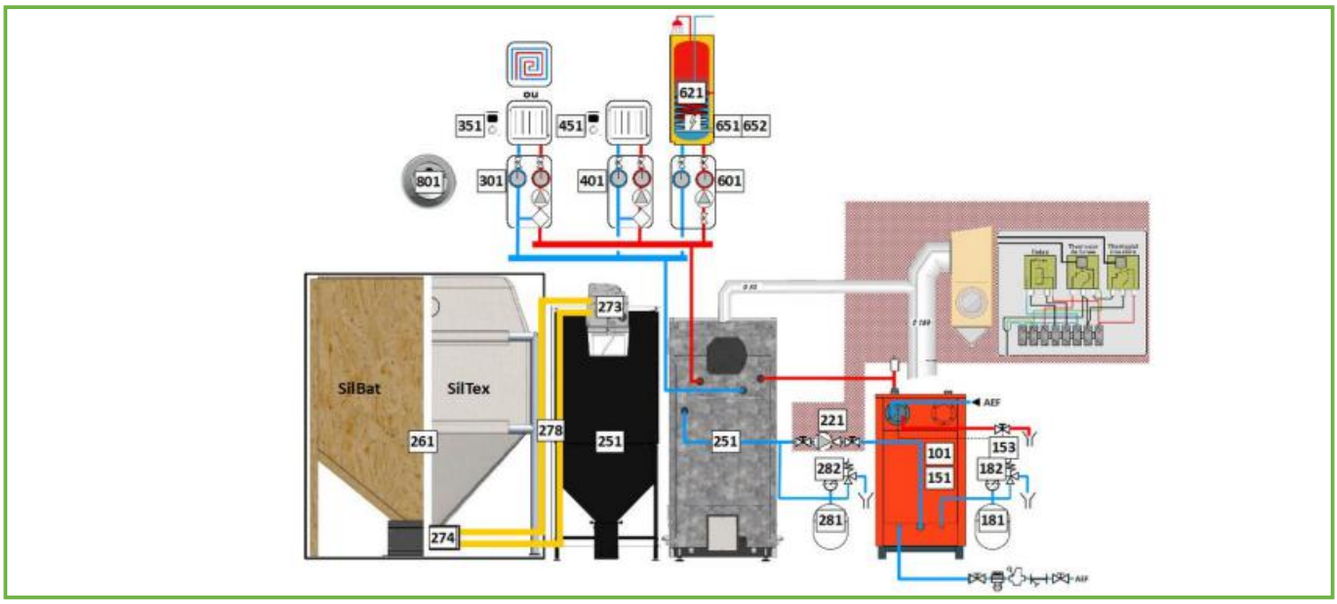
MC with BT coupled to an Optipellet + screw conveyin - CMC25



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500		**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	MBF 1c	40	**900 401**	**1 513**
>	MBF 2c		**900 402**	**1 394**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS 12kW	29	**902 840**	**7 390**
>	OptiPellet 17 C-D SS 17kW		**902 841**	**7 590**
>	OptiPellet 23 C-D SS 23kW		**902 842**	**8 090**
>	OptiPellet 33 C-D SS 33kW		**902 843**	**8 390**
>	OptiPellet 45 C-D SS 45kW		**902 844**	**9 390**
261	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat + VTC10	32	**902 680**	**2 600**
>	SilBat + VTC15		**902 681**	**2 790**
>	SilBat + VTC20		**902 682**	**2 890**
>	SilBat + VTC25		**902 683**	**3 080**
>	SilBat + VTC30		**902 684**	**3 170**
>	SilTex 200x200 + VTA	34	**902 690**	**4 730**
>	SilTex 200x250 + VTA		**902 775**	**4 900**
>	SilTex 250x250 + VTA		**902 691**	**5 270**
>	SilTex 250x300 + VTA		**902 776**	**5 610**
>	SilTex 300x300 + VTA		**902 692**	**5 950**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>			**900624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

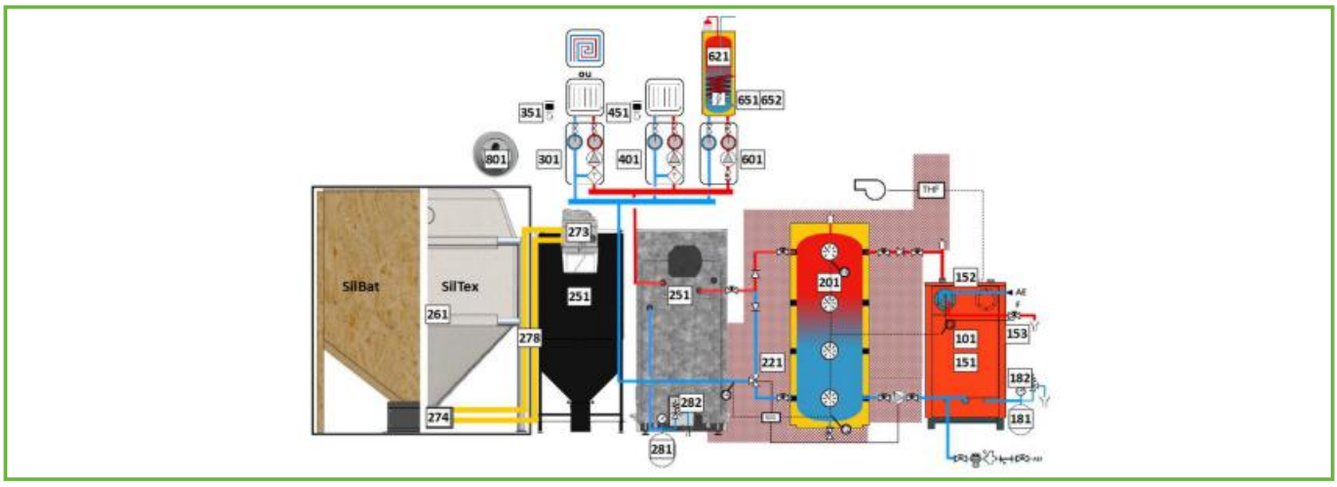
MC Classic coupled with an Optipellet with vacuum conveying silo - CMC16



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
221	**Coupling kit**			
>	Coupling kit MC- CDM	43	**900 112**	**608**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS 12kW + Mini silo	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS 17kW + Mini silo		**902 891**	**8 560**
>	OptiPellet 23 C-D SS 23kW + Mini silo		**902 892**	**9 060**
>	OptiPellet 33 C-D SS 33kW + Mini silo		**902 893**	**9 550**
>	OptiPellet 45 C-D SS 45kW + Mini silo		**902 894**	**10 550**
261	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat 10 Aspi	32	**902 700**	**1 960**
>	SilBat 15 Aspi		**902 701**	**2 120**
>	SilBat 20 Aspi		**902 702**	**2 200**
>	SilBat 25 Aspi		**902 703**	**2 420**
>	SilBat 30 Aspi		**902 704**	**2 490**
>	SilTex 200x200	34	**902 676**	**3 030**
>	SilTex 200x250		**902 770**	**3 200**
>	SilTex 250x250		**902 677**	**3 570**
>	SilTex 250x300		**902 771**	**3 910**
>	SilTex 300x300		**902 678**	**4 250**
273	**Choice of central vacuum unit (monobloc or Bi-bloc). Note: For SilTex, don't forget the required add-on.**			
>	Monoblock central vacuum unit	32	**902 821**	**1 020**
>	Bi-bloc central vacuum unit		**902 827**	**1 540**
274	**Required add-on if SilTex silo**			
>	Required add-on SilTex	34	**902 823**	**395**
>	Required add-on SilTex		**902 824**	**677**
278	**Vacuum pipework**			
>	Vacuum pipework 20-meter length	34	**902 698**	**430**
280	**Choice of climate control: Required if underfloor heating, recommended to optimize consumption even with radiators.**			
>	RTE3	29	**900 132**	**390**

N°	Designation	Page	Ref	€ Excl. tax
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>			**900624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

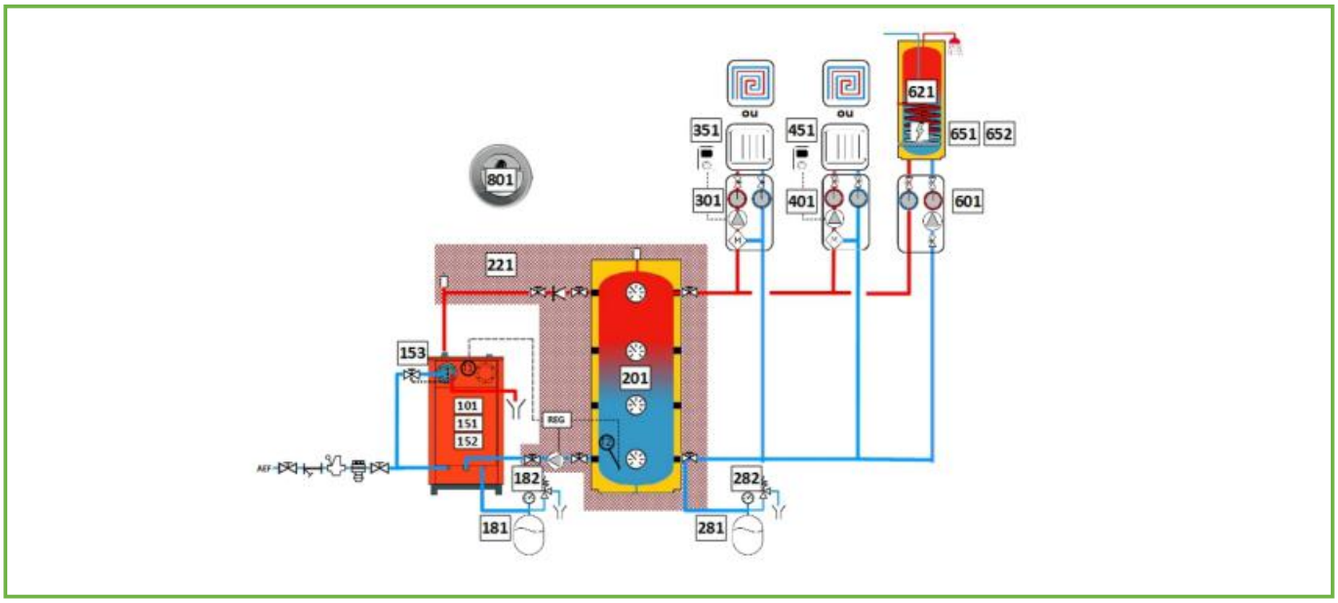
MC Classic + BT coupled with an Optipellet with vacuum conveying silo - CMC26



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	45	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	MBF 1c	40	**900 401**	**1 513**
>	MBF 2c		**900 402**	**1 394**
251	**Boiler model choice based on desired output**			
>	OptiPellet 12 C-D SS 12kW + Mini silo	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS 17kW + Mini silo		**902 891**	**8 560**
>	OptiPellet 23 C-D SS 23kW + Mini silo		**902 892**	**9 060**
>	OptiPellet 33 C-D SS 33kW + Mini silo		**902 893**	**9 550**
>	OptiPellet 45 C-D SS 45kW + Mini silo		**902 894**	**10 550**
261	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat 10 Aspi	32	**902 700**	**1 960**
>	SilBat 15 Aspi		**902 701**	**2 120**
>	SilBat 20 Aspi		**902 702**	**2 200**
>	SilBat 25 Aspi		**902 703**	**2 420**
>	SilBat 30 Aspi		**902 704**	**2 490**
>	SilTex 200x200	34	**902 676**	**3 030**
>	SilTex 200x250		**902 770**	**3 200**
>	SilTex 250x250		**902 677**	**3 570**
>	SilTex 250x300		**902 771**	**3 910**
>	SilTex 300x300		**902 678**	**4 250**
273	**Choice of central vacuum unit (monobloc or Bi-bloc). Note: For SilTex, don't forget the required add-on.**			
>	Monoblock central vacuum unit	32	**902 821**	**1 020**
>	Bi-bloc central vacuum unit		**902 827**	**1 540**
274	**Required add-on if SilTex silo**			
>	Required add-on SilTex	34	**902 823**	**395**
>	Required add-on SilTex		**902 824**	**677**
278	**Vacuum pipework**			
>	Vacuum pipework 20-meter length	34	**902 698**	**430**
280	**Choice of climate control: Required if underfloor heating, recommended to optimize consumption even with radiators.**			
>	RTE3	29	**900 132**	**390**

N°	Designation	Page	Ref	€ Excl. tax
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP	75	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

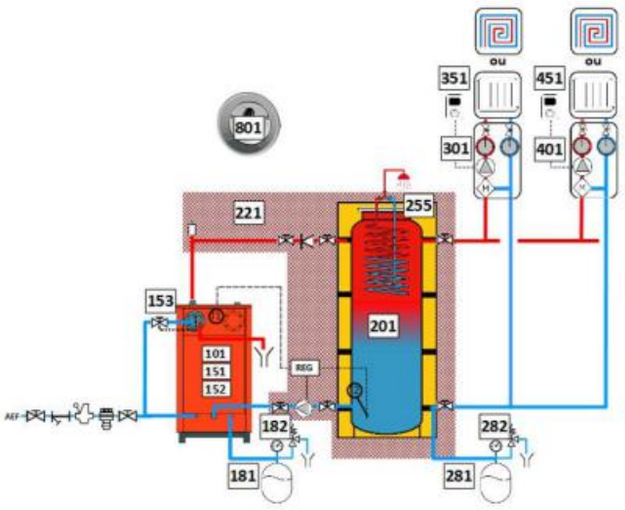
MC CI log-burning boiler with buffer tank - MCI01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 CI	46	**902 014**	**4 430**
>	MC 5.30 CI PF		**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20/5.30 CI PF	46	**902 015**	**476**
>	Casing MC 5.30 CI GF		**902 018**	**513**
152	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
153	**Thermal safety valve**			
>	Thermal safety valve	47	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MB (1 BT)	72	**900 400**	**1 216**
>	Accessories MB2 (2 BT)		**900 405**	**1 260**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**

N°	Designation	Page	Réf	€ Excl. tax
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-F Wired (si MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (si MHT)		**900 410**	**103**
>	TH4-R Radio (si MHT)		**900 471**	**164**
>	TH4 CL4 Radio (si MHT)		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-F Wired (si MHT)	76	**900 470**	**61**
>	TH4 CL4 Wired (si MHT)		**900 410**	**103**
>	TH4-R Radio (si MHT)		**900 471**	**164**
>	TH4 CL4 Radio (si MHT)		**900 411**	**240**
601	**If DHW: Direct hydraulic module for DHW with biomass boiler**			
>	MHP BM	75	**900 486**	**506**
>	MHP BM-FM		**900 614**	**638**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
651	**If mixed electric DHW, choice of immersion heater**			
>	TR30 - 3,0 kW mono	73	**900 301**	**405**
>	TR45 - 4,5 kW mono		**900 446**	**413**
>	TR60 - 6,0 kW mono		**900 447**	**747**
>	TR30 - 3,0 kW tri		**900 555**	**473**
>	TR45 - 4,5 kW tri		**900 448**	**525**
>	TR60 - 6,0 kW tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

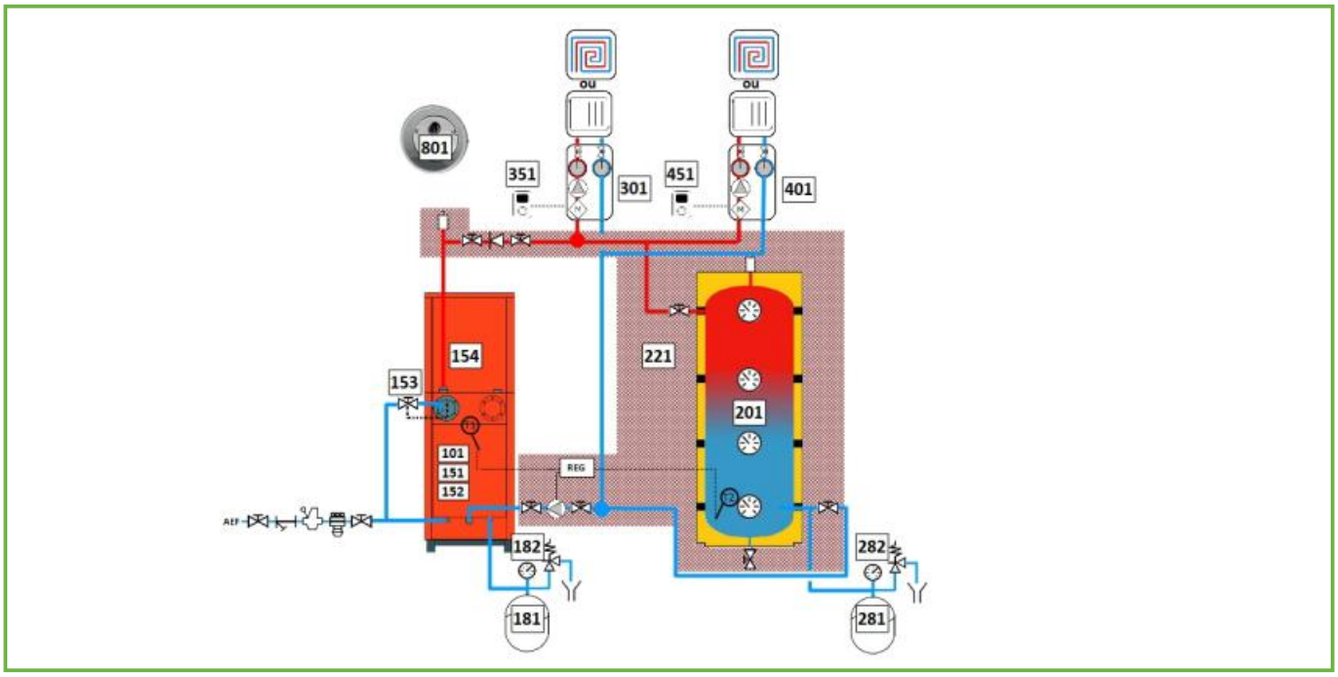
MC CI log-burning boiler with mixed buffer tank - MCI02



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 CI	46	**902 014**	**4 430**
>	MC 5.30 CI PF		**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20/5.30 CI PF	46	**902 015**	**476**
>	Casing MC 5.30 CI GF		**902 018**	**513**
152	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
153	**Thermal safety valve**			
>	Thermal safety valve	47	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Mixed buffer tank choice**			
	Removable copper DHW coil			
>	BTM-SC 500	73	**900 580**	**2 450**
>	BTM-SC 800		**900 581**	**2 886**
>	BTM-SC 1000		**900 582**	**3 004**
>	BTM-SC 1500		**900 583**	**4 259**
>	BTM-SC 2000		**900 587**	**5 795**
	Stainless steel DHW coil			
>	BTM-SI 500	73	**900 309**	**2 886**
>	BTM-SI 800		**900 310**	**3 004**
>	BTM-SI 1000		**900 316**	**4 259**

N°	Designation	Page	Ref	€ Excl. tax
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MB (1 BT)	72	**900 400**	**1 216**
>	Accessories MB2 (2 BT)		**900 405**	**1 260**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

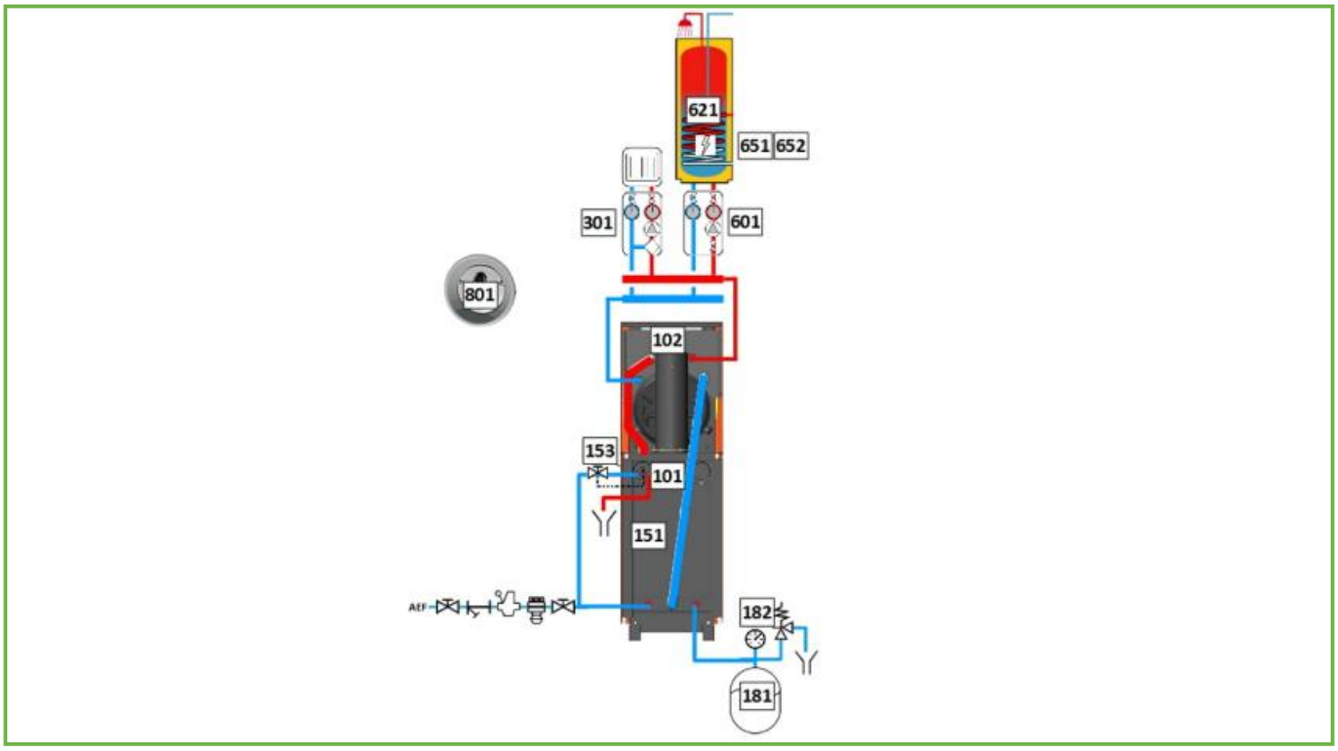
MC CI log-burning boiler + DHW + buffer tank - MCI11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 CI	46	**902 014**	**4 430**
>	MC 5.30 CI PF		**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20/5.30 CI PF	46	**902 015**	**476**
>	Casing MC 5.30 CI GF		**902 018**	**513**
152	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
153	**Thermal safety valve**			
>	Thermal safety valve	47	**900 285**	**141**
154	**150-litre DHW production tank**			
>	B150 Tank	47	**902 006**	**1 645**
155	**3.5 kW electric kit (3.5 kW electric back-up heater for DHW in summer. Supplied with control box, flange and gasket)**			
>	Electric kit 3,5kW	47	**900 289**	**394**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MB (1 BT)	72	**900 400**	**1 216**
>	Accessories MB2 (2 BT)		**900 405**	**1 260**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**

N°	Designation	Page	Ref	€ Excl. tax
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

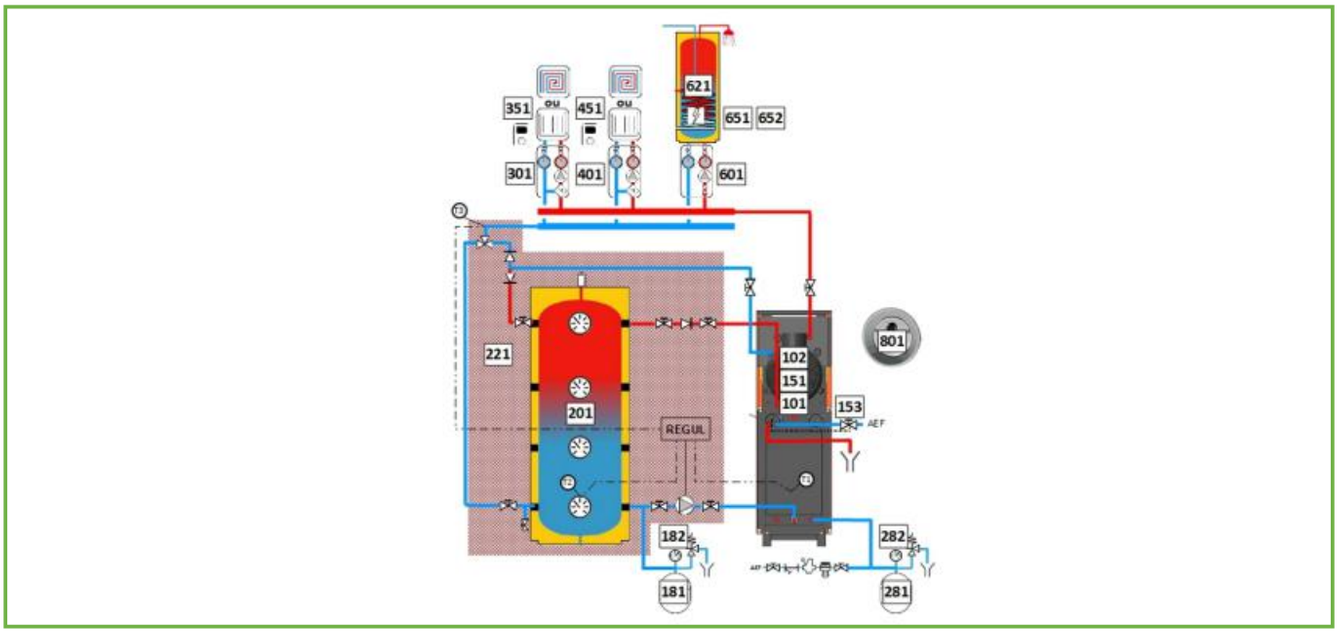
GTEI log-oil boiler - POL01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
102	**Oil boiler for stacking on MC Classic log-burning boiler**			
>	Optitherm 24 C-F30 special GTEI	48	**902 125**	**3 460**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	49	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1 - MHM motorizable manual mixed hydraulic module**			
>	MHM	74	**900 421**	**513**
>	MHM-FM		**900 495**	**620**
601	**If DHW :** **- Direct hydraulic module for DHW with biomass boiler (circulating pump, shut-off valves, thermometers, anti-thermosiphon valve)**			
>	MHP BM	75	**900 486**	**506**
>	MHP BM-FM		**900 614**	**638**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 mono	73	**900 301**	**405**
>	TR45 mono		**900 446**	**413**
>	TR60 mono		**900 447**	**747**
>	TR30 tri		**900 555**	**473**
>	TR45 tri		**900 448**	**525**
>	TR60 tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

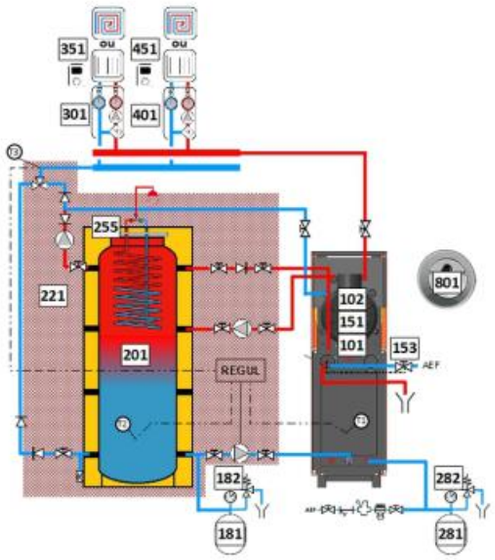
GTEI log-oil boiler with buffer tank - POL11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
102	**Oil boiler for stacking on MC Classic log-burning boiler**			
>	Optitherm 24 C-F30 special GTEI	48	**902 125**	**3 460**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	49	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRVStem		**900 564**	
201	**Buffer tank choice**			
>	BT 500	72	**900 292**	**1 282**
>	BT 800		**900 293**	**1 625**
>	BT 1000		**900 294**	**1 745**
>	BT 1500		**900 296**	**2 788**
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories MBF2C	72	**900 402**	**1 394**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**

N°	Designation	Page	Ref	€ Excl. tax
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW :** **- Direct hydraulic module for DHW with biomass boiler (circulating pump, shut-off valves, thermometers, anti-thermosiphon valve)**			
>	MHP BM	75	**900 486**	**506**
>	MHP BM-FM		**900 614**	**638**
621	**DHW tank choice based on its capacity**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 431**	**2 160**
651	**If mixed electric DHW, choice of immersion heater based on output and type of electrical supply**			
>	TR30 mono	73	**900 301**	**405**
>	TR45 mono		**900 446**	**413**
>	TR60 mono		**900 447**	**747**
>	TR30 tri		**900 555**	**473**
>	TR45 tri		**900 448**	**525**
>	TR60 tri		**900 449**	**540**
652	**Flange required if TR immersion heater**			
>	Flange TR/PE	73	**900 450**	**63**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

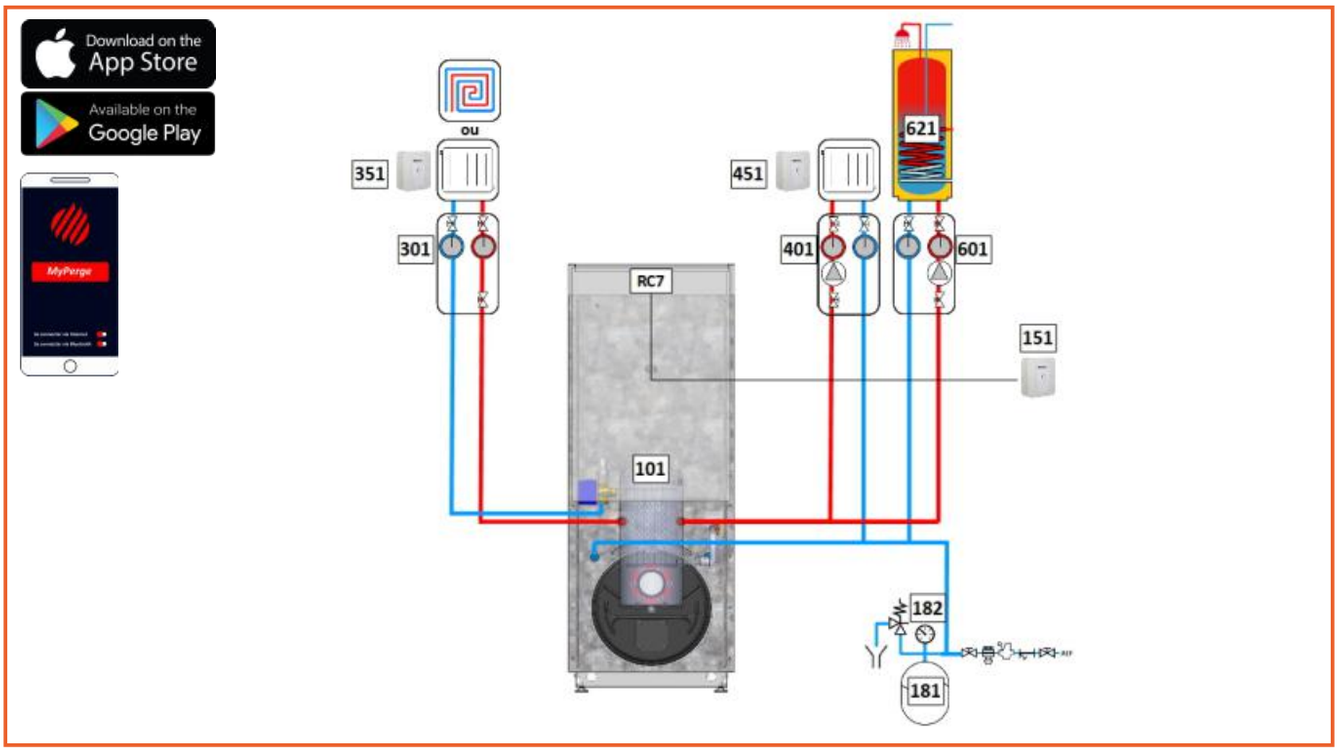
GTEI log-oil boiler with mixed buffer tank - POL12



N°	Designation		Ref	€ Excl. tax
101	**Boiler body choice based on output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
102	**Oil boiler for stacking on MC Classic log-burning boiler**			
>	Optitherm 24 C-F30 special GTEI	48	**902 125**	**3 460**
151	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
153	**Thermal safety valve**			
>	Thermal safety valve	49	**900 285**	**141**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
201	**Mixed buffer tank choice**			
	Removable copper DHW coil			
>	BTM-SC 500	73	**900 580**	**2 450**
>	BTM-SC 800		**900 581**	**2 886**
>	BTM-SC 1000		**900 582**	**3 004**
>	BTM-SC 1500		**900 583**	**4 259**
>	BTM-SC 2000		**900 587**	**5 795**
	Stainless steel DHW coil			
>	BTM-SI 500	73	**900 309**	**2 886**
>	BTM-SI 800		**900 310**	**3 004**
>	BTM-SI 1000		**900 316**	**4 259**

N°	Designation		Ref	€ Excl. tax
221	**Accessories for connecting the MC boiler to the buffer tank**			
>	Accessories GTBM	72	**900 657**	**1 624**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	73	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
282	**Pressure valve with manometer required on the installation**			
>	Pressure valve with manometer	75	**900 404**	**22**
301	**Heating circuit n°1 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Wired or radio room thermostat acting on the backup boiler burner**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - Hydraulic module**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

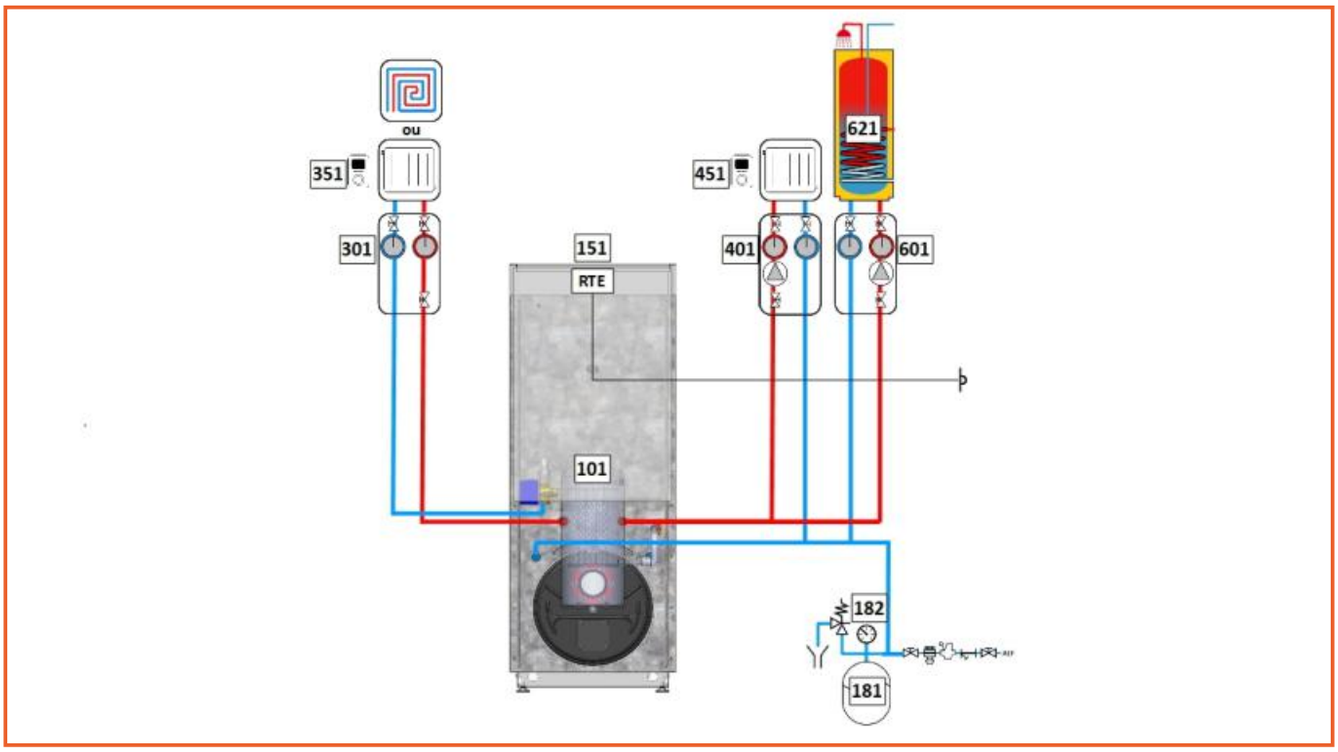
Oil OptiCondens Connect - OPC11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
>	OptiCondens 24 C-F30VDR connect	54	**916 590**	**5 970**
>	OptiCondens 32 C-F30VDR connect		**916 591**	**6 430**
>	OptiCondens 24 B90-F30VDR connect		**916 592**	**7 470**
>	OptiCondens 24 B150-F30VDR connect		**916 593**	**7 820**
>	OptiCondens 32 B150-F30VDR connect		**916 594**	**8 280**
151	**Choice of outdoor sensor type (wired or radio)**			
>	Outdoor sensor C+ -F	54	**900 600**	**55**
>	Outdoor sensor C+ -R		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room sensor choice for circuit 1**			
>	Room sensor C+-F	54	**900 602**	**54**
>	Room sensor C+-R		**900 601**	**115**
>	Wired room sensor button		**900 604**	**75**
>	Radio room sensor button		**900 605**	**138**
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor choice for circuit 2**			
>	Room sensor C+-F	54	**900 602**	**54**
>	Room sensor C+-R		**900 601**	**115**
>	Wired room sensor button		**900 604**	**75**
>	Radio room sensor button		**900 605**	**138**
601	**If DHW via separate tank : - hydraulic module for DHW with electronic circulating pump and DHW temperature sensor - DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	73	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: OptiCondens xx C-F30VD Connect).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**

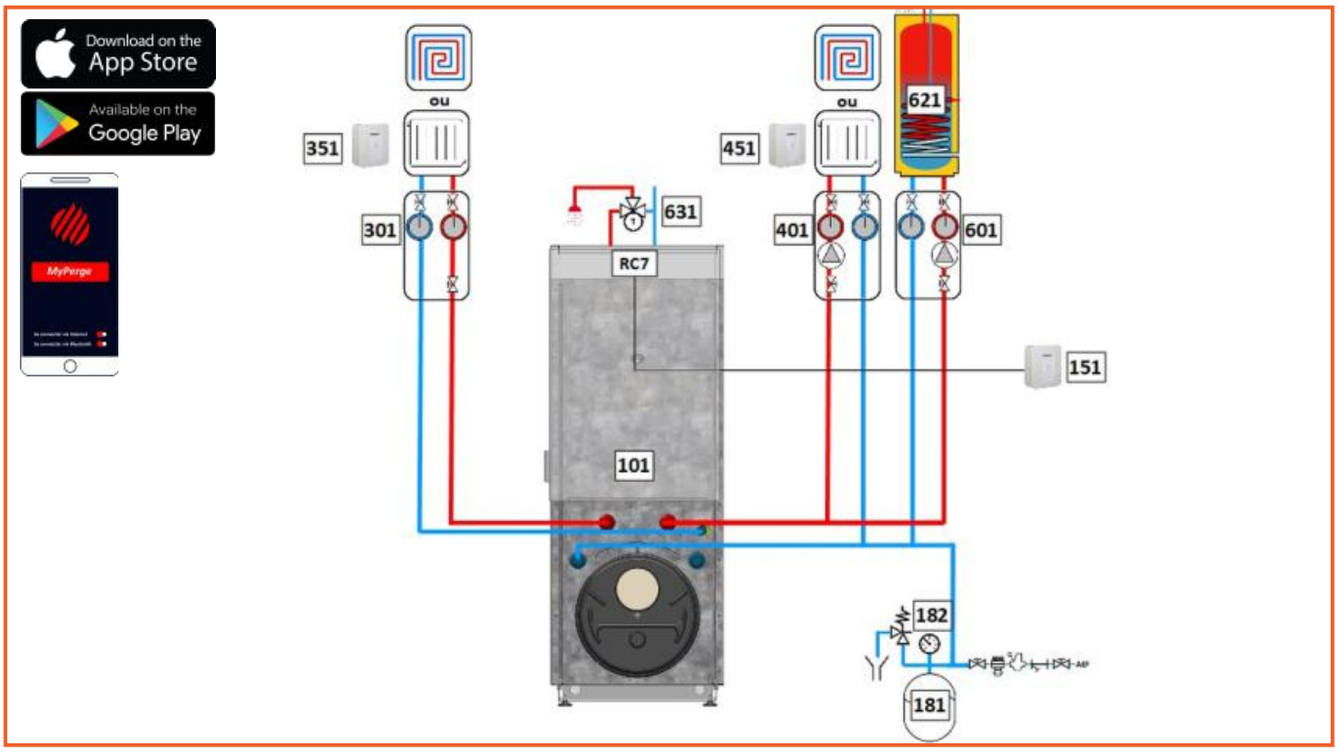
Oil OptiCondens - OPC01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
>	OptiCondens 24 C-F30VD	55	**916 080**	**5 160**
>	OptiCondens 32 C-F30VD		**916 081**	**5 620**
>	OptiCondens 24 B90-F30VD		**916 082**	**6 660**
>	OptiCondens 24 B150-F30VD		**916 083**	**7 010**
>	OptiCondens 32 B150-F30VD		**916 084**	**7 470**
151	**Choice of climate control : - mandatory if underfloor heating - recommended to optimize consumption even with radiators**			
>	RTE3	56	**900 132**	**390**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**

N°	Designation	Page	Ref	€ Excl. tax
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW via separate tank: - MHP DHW hydraulic module with DHW charge pump and DHW thermostat - DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
>	DHW Thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: OptiCondens xx C-F30VD).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**

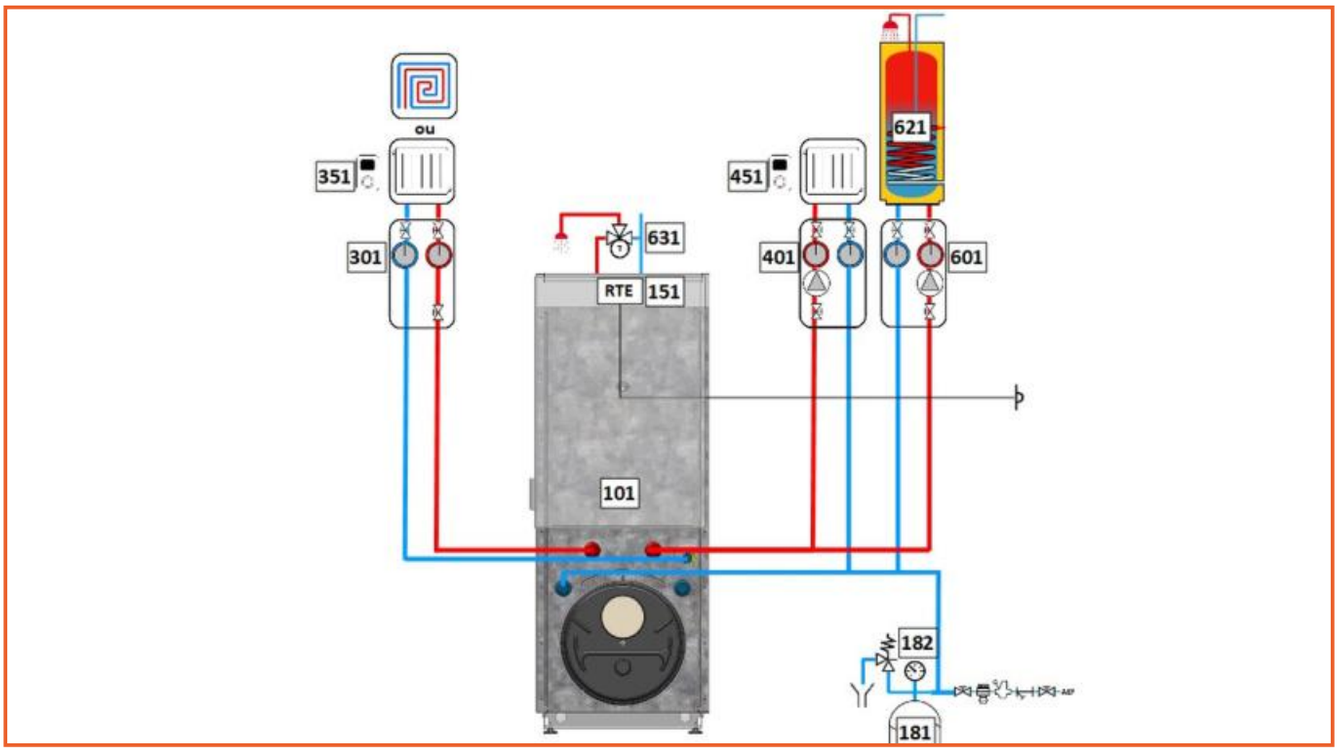
Oil Optitherm Connect - OPT11



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
	Biofuel Chimney			
>	Optitherm 24 C-F30DR connect	58	**916 520**	**4 700**
>	Optitherm 32 C-F30DR connect		**916 521**	**5 160**
>	Optitherm 24 B90-F30DR connect		**916 522**	**6 150**
>	Optitherm 24 B150-F30DR connect		**916 523**	**6 500**
>	Optitherm 32 B150-F30DR connect		**916 524**	**6 960**
	Biofuel Room sealed			
>	Optitherm 24 C-F30VDR connect	58	**916 620**	**5 200**
>	Optitherm 32 C-F30VDR connect		**916 621**	**5 660**
>	Optitherm 24 B90-F30VDR connect		**916 622**	**6 650**
>	Optitherm 24 B150-F30VDR connect		**916 623**	**7 000**
>	Optitherm 32 B150-F30VDR connect		**916 624**	**7 460**
151	**Choice of outdoor sensor type (wired or radio)**			
>	Outdoor sensor C+ -F	58	**900 600**	**55**
>	Outdoor sensor C+ -R		**900 601**	**115**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRVStem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Room sensor type choice for circuit 1**			
>	Room sensor C+-F	54	**900 602**	**54**
>	Room sensor C+-R		**900 601**	**115**
>	Wired room sensor button		**900 604**	**75**
>	Radio room sensor button		**900 605**	**138**

N°	Designation	Page	Ref	€ Excl. tax
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Room sensor type choice for circuit 2**			
>	Room sensor C+-F	54	**900 602**	**54**
>	Room sensor C+-R		**900 601**	**115**
>	Wired room sensor button		**900 604**	**75**
>	Radio room sensor button		**900 605**	**138**
601	**If DHW via separate tank :** **- hydraulic module for DHW with electronic circulating pump and DHW temperature sensor** **- DHW sensor only if existing and retained DHW charge pump**			
>	MHP C+	73	**900 478**	**437**
>	MHP C+ - FM		**900 613**	**568**
>	DHW sensor for Connect		**992 041**	**12**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: Optitherm xx C-F30DR Connect).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
631	**Thermostatic mixer strongly recommended for models with integrated DHW cylinder**			
>	Thermostatic mixer	73	**990 713**	**109**

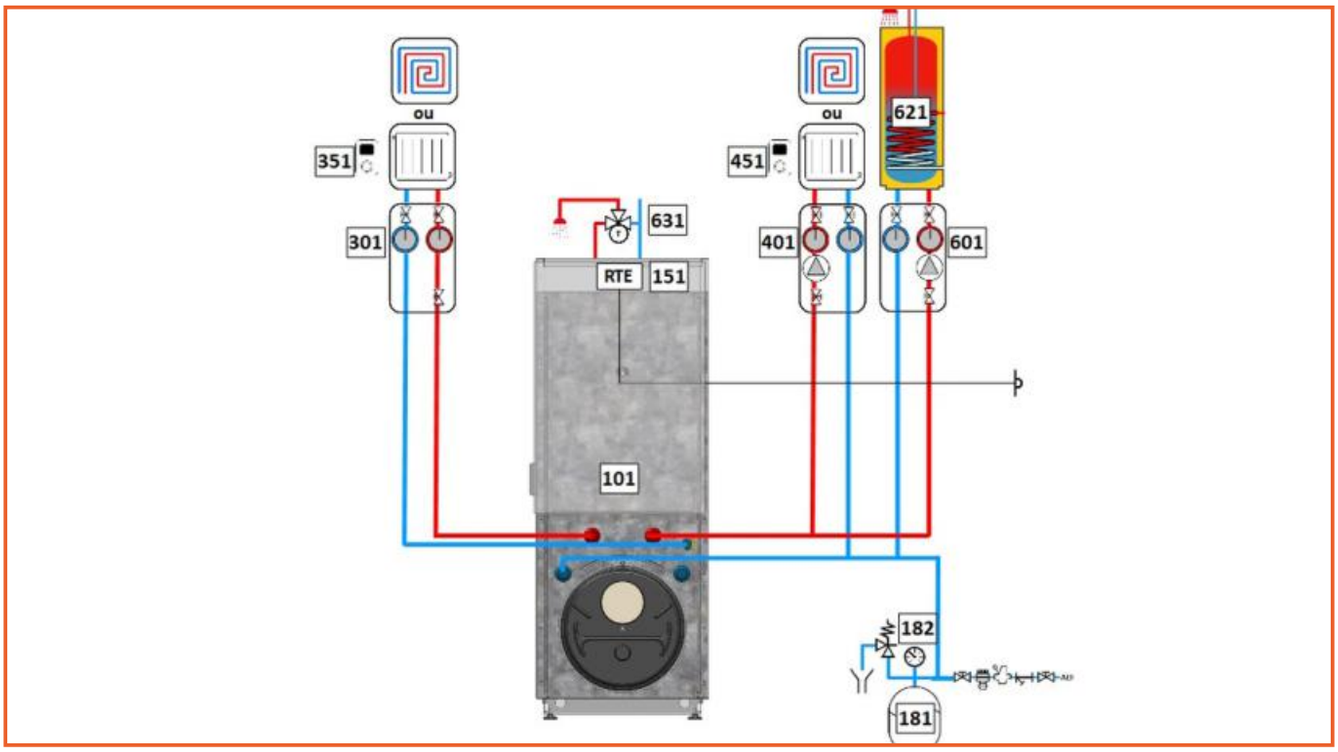
Oil Optitherm WITH Duotherm - OPT01



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
	Biofuel Chimney			
>	Optitherm 24 C-F30D	59	**916 030**	**3 890**
>	Optitherm 32 C-F30D		**916 031**	**4 350**
>	Optitherm 24 B90-F30D		**916 032**	**5 340**
>	Optitherm 24 B150-F30D		**916 033**	**5 690**
>	Optitherm 32 B150-F30D		**916 034**	**6 150**
	Biofuel Room sealed			
>	Optitherm 24 C-F30VD	59	**916 130**	**4 390**
>	Optitherm 32 C-F30VD		**916 131**	**4 850**
>	Optitherm 24 B90-F30VD		**916 132**	**5 840**
>	Optitherm 24 B150-F30VD		**916 133**	**6 190**
>	Optitherm 32 B150-F30VD		**916 134**	**6 650**
151	**Choice of climate control**			
>	RTE3	61	**900 132**	**390**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHS direct hydraulic module without circulating pump (as factory-fitted)**			
>	MHS	74	**900 445**	**270**
>	MHS-FM		**900 499**	**410**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**

N°	Designation	Page	Ref	€ Excl. tax
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD	74	**900 420**	**407**
>	MHD-FM		**900 494**	**538**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW via separate tank: - MHP DHW hydraulic module with DHW charge pump and DHW thermostat - DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP-FM		**900 498**	**583**
>	DHW Thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: Optitherm xx C-F30D).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
631	**Thermostatic mixer valve strongly recommended for models with integrated DHW cylinder**			
>	Thermostatic mixer	73	**990 713**	**109**

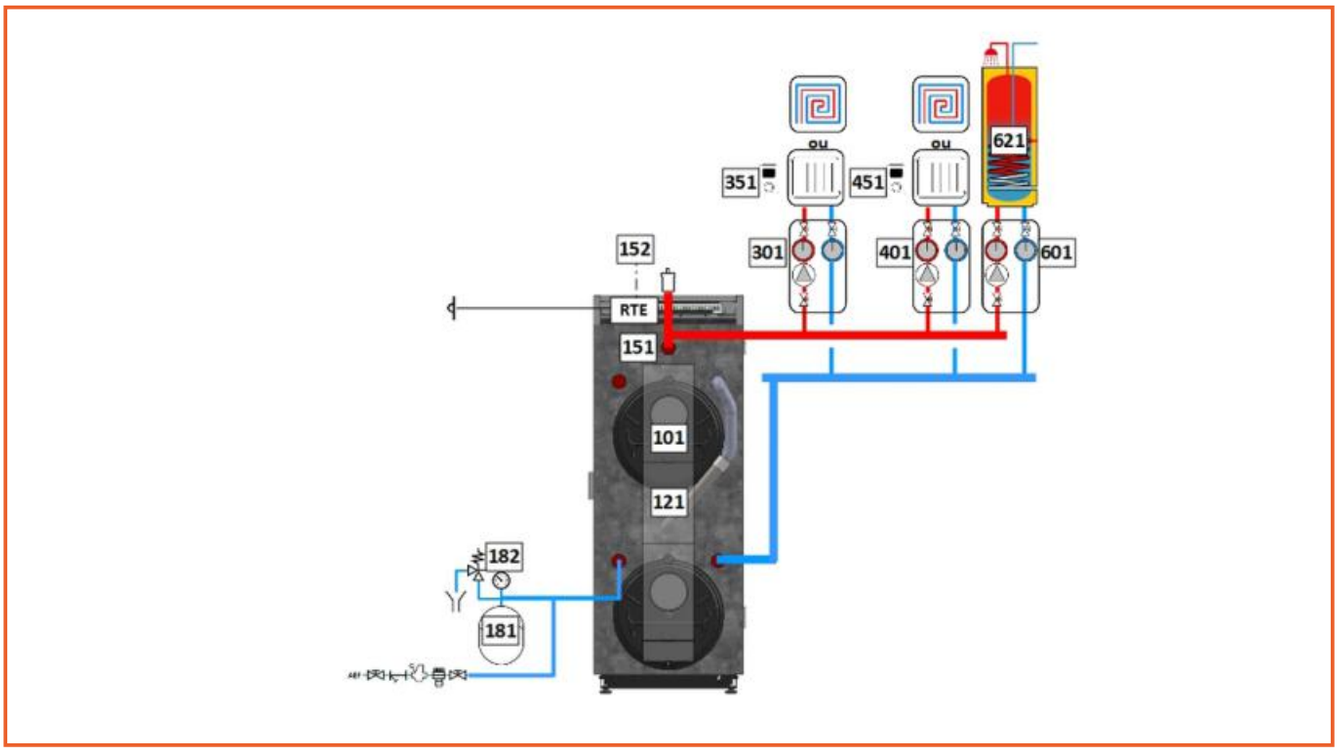
Oil Optitherm WITHOUT Duotherm - OPT06



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
	Biofuel Chimney			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
>	Optitherm 24 B90-F30		**916 012**	**4 840**
>	Optitherm 24 B150-F30		**916 013**	**5 190**
>	Optitherm 32 B150-F30		**916 014**	**5 650**
	Biofuel Flue			
>	Optitherm 24 C-F30V	60	**916 110**	**3 890**
>	Optitherm 32 C-F30V		**916 111**	**4 350**
>	Optitherm 24 B90-F30V		**916 112**	**5 340**
>	Optitherm 24 B150-F30V		**916 113**	**5 690**
>	Optitherm 32 B150-F30V		**916 114**	**6 150**
151	**Choice of climate control :** **- mandatory for underfloor heating** **- recommended to optimize consumption with radiators**			
>	RTE3	61	**900 132**	**390**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHD direct hydraulic module**			
>	MHD (if radiators)	74	**900 420**	**407**
>	MHD - FM		**900 494**	**538**
>	MH2X (if underfloor heating)		**900 493**	**523**
>	MH2X - FM (if underfloor heating)		**900 616**	**663**

N°	Designation	Page	Ref	€ Excl. tax
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD (if radiators)	74	**900 420**	**407**
>	MHD - FM		**900 494**	**538**
>	MH2X (if underfloor heating)		**900 493**	**523**
>	MH2X - FM (if underfloor heating)		**900 616**	**663**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW via separate tank :** **- MHP DHW hydraulic module with DHW charge pump and DHW thermostat** **- DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP - FM		**900 498**	**583**
>	DHW Thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: Optitherm xx C-F30).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**
631	**Thermostatic mixer highly recommended for models with integrated DHW cylinder**			
>	Thermostatic mixer	73	**990 713**	**109**

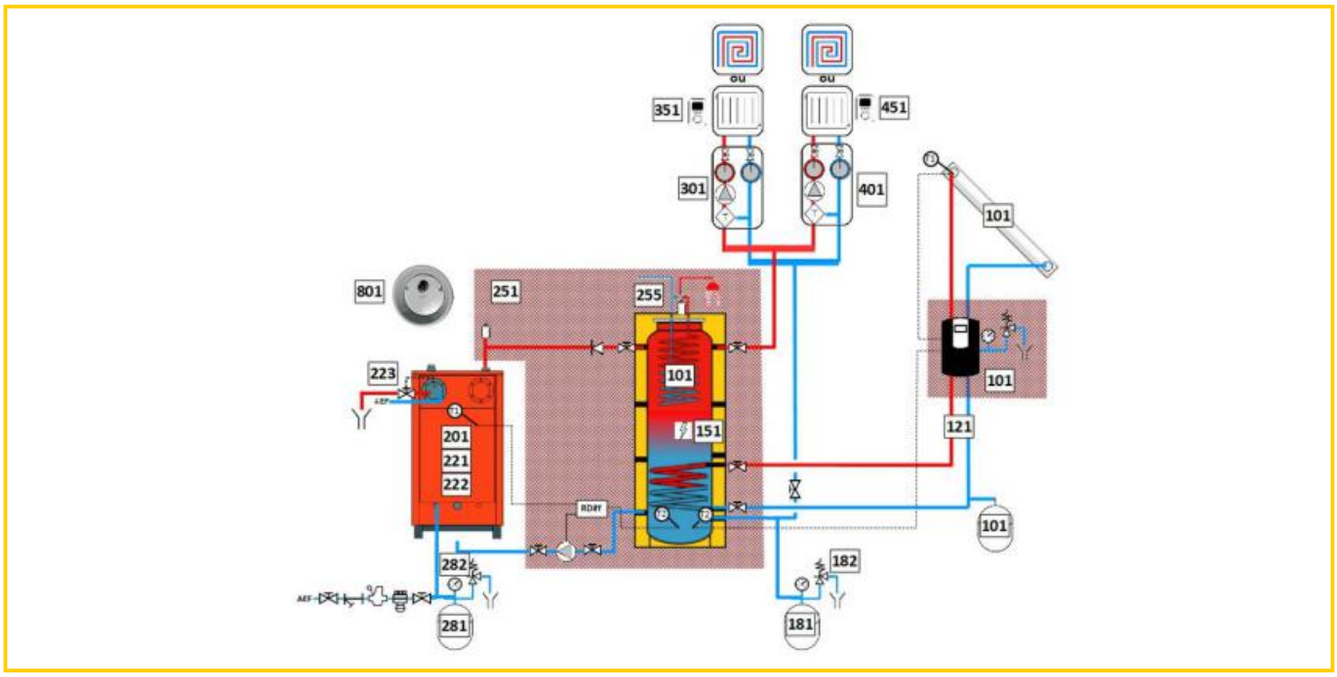
Oil Optitherm DUO - OPT09



N°	Designation	Page	Ref	€ Excl. tax
101	**Boiler model choice based on desired output**			
	Biofuel Chimney			
>	Optitherm 24+24 C-F30	64	**916 015**	**6 290**
>	Optitherm 24+32 C-F30		**916 016**	**6 690**
>	Optitherm 32+32 C-F30		**916 017**	**7 090**
121	**Optitherm DUO smoke collector**			
>	Optitherm DUO smoke collector	64	**900 656**	**590**
151	**Choice of climate control :** **- mandatory for underfloor heating** **- recommended to optimize consumption with radiators**			
>	RTE3	61	**900 132**	**390**
152	**Cascade controller choice**			
>	Controller Cascade 3	66	**900 658**	**669**
181	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
182	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHD direct hydraulic module**			
>	MHD (if radiators)	74	**900 420**	**407**
>	MHD - FM		**900 494**	**538**
>	MH2X (if underfloor heating)		**900 493**	**523**
>	MH2X - FM (if underfloor heating)		**900 616**	**663**

N°	Designation	Page	Ref	€ Excl. tax
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2 - MHD direct hydraulic module**			
>	MHD (if radiators)	74	**900 420**	**407**
>	MHD - FM		**900 494**	**538**
>	MH2X (if underfloor heating)		**900 493**	**523**
>	MH2X - FM (if underfloor heating)		**900 616**	**663**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**If DHW via separate tank :** **- MHP DHW hydraulic module with DHW charge pump and DHW thermostat** **- DHW thermostat only if existing and retained DHW charge pump**			
>	MHP	73	**900 444**	**452**
>	MHP - FM		**900 498**	**583**
>	DHW Thermostat		**900 549**	**93**
621	**DHW tank choice based on its capacity (Note: only if the boiler model chosen is one without integrated DHW. E.g.: Optitherm xx C-F30).**			
>	PE 150/1S - Gray	73	**900 479**	**1 386**
>	PE 200/1S - Gray		**900 475**	**1 523**
>	PE 300/1S - Gray		**900 606**	**1 702**
>	PE 500/1S - Gray		**900 624**	**2 160**

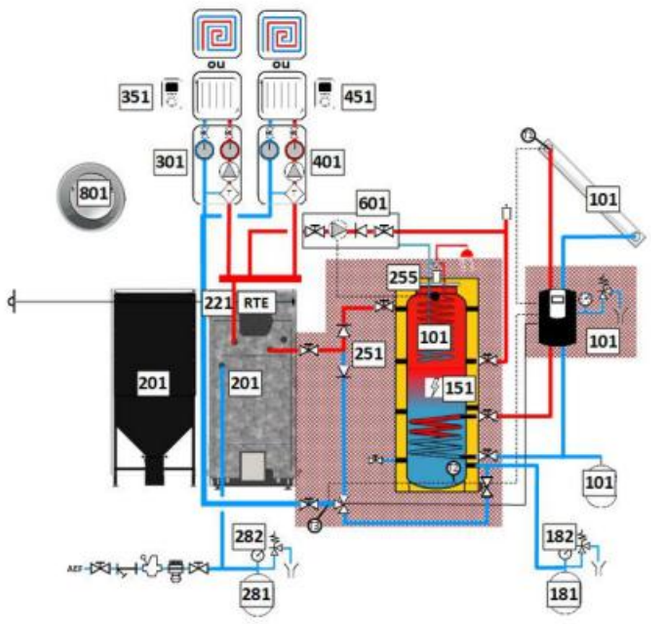
CombiSolar + MC - SSM01



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	**900 404**	**22**
201	**Boiler model choice based on power output**			
>	MC 5.20 Classic	44	**715 000**	**4 350**
>	MC 5.30 Classic		**715 011**	**4 740**
>	MC 5.20 CI		**902 014**	**4 430**
>	MC 5.30 CI PF	46	**902 019**	**4 980**
>	MC 5.30 CI GF		**902 017**	**5 200**
221	**Choice of casing based on the boiler body chosen**			
>	Casing MC 5.20 Classic	44	**902 028**	**383**
>	Casing MC 5.30 Classic		**902 031**	**475**
>	Casing MC 5.20 / 5.30 CI PF		**902 015**	**476**
>	Casing MC 5.30 CI GF	46	**902 018**	**513**

N°	Designation	Page	Ref	€ Excl. tax
222	**CI smoke nozzle**			
>	CI smoke nozzle	46	**902 016**	**122**
223	**Thermal safety valve**			
>	Thermal safety valve	51	**900 285**	**141**
251	**Accessories for connecting a log-burning boiler**			
>	SBB	72	**900 419**	**998**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRVStem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
801	**Draught moderator**			
>	MT180 diameter 180mm	76	**900 467**	**185**

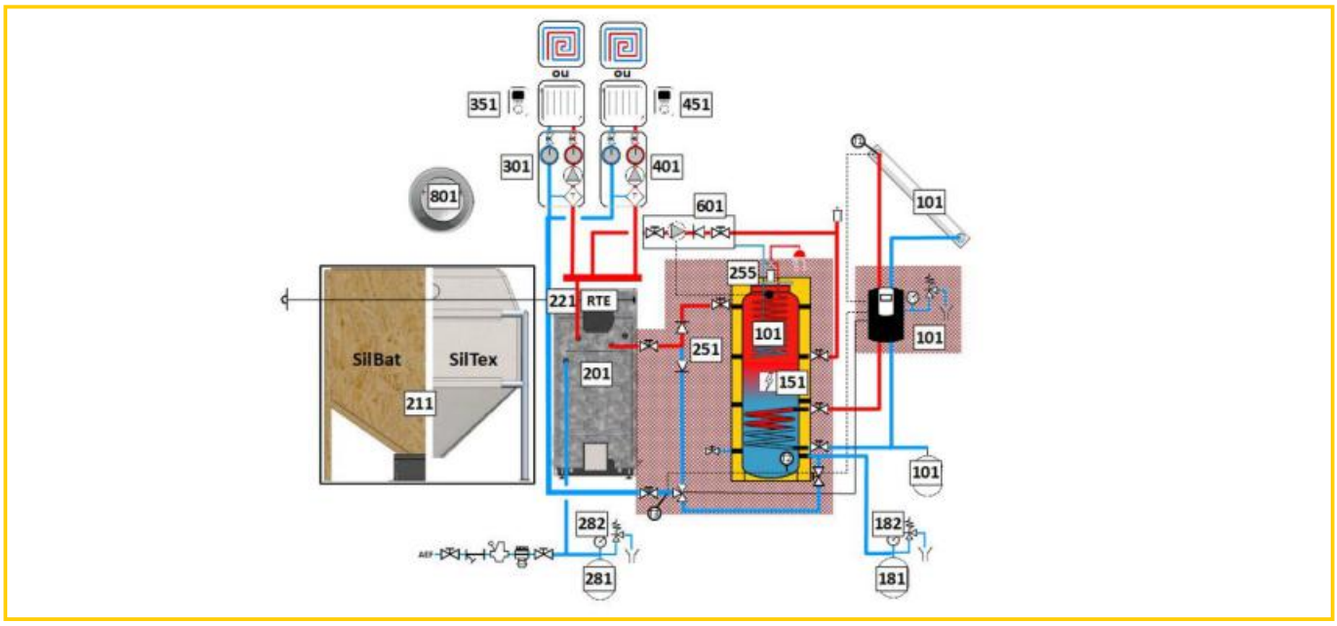
Combisolar + Optipellet with minisilo - SSL01



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer		**900 404**	**22**
201	**Boiler model choice based on power output**			
>	OptiPellet 12 C-D SS 12kW + Mini silo	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS 17kW + Mini silo		**902 891**	**8 560**
>	OptiPellet 23 C-D SS 23kW + Mini silo		**902 892**	**9 060**
>	OptiPellet 33 C-D SS 33kW + Mini silo		**902 893**	**9 550**
>	OptiPellet 45 C-D SS 45kW + Mini silo		**902 894**	**10 550**
221	**Choice of climate control :** **- mandatory for underfloor heating** **- recommended to optimize consumption with radiators**			
>	RTE3	61	**900 132**	**390**

N°	Designation	Page	Ref	€ Excl. tax
251	**Accessories for connecting a pellet boiler**			
>	SBF	72	**900 412**	**486**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**107**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**DHW Tank**			
>	DHW Tank	73	**902 658**	**340**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

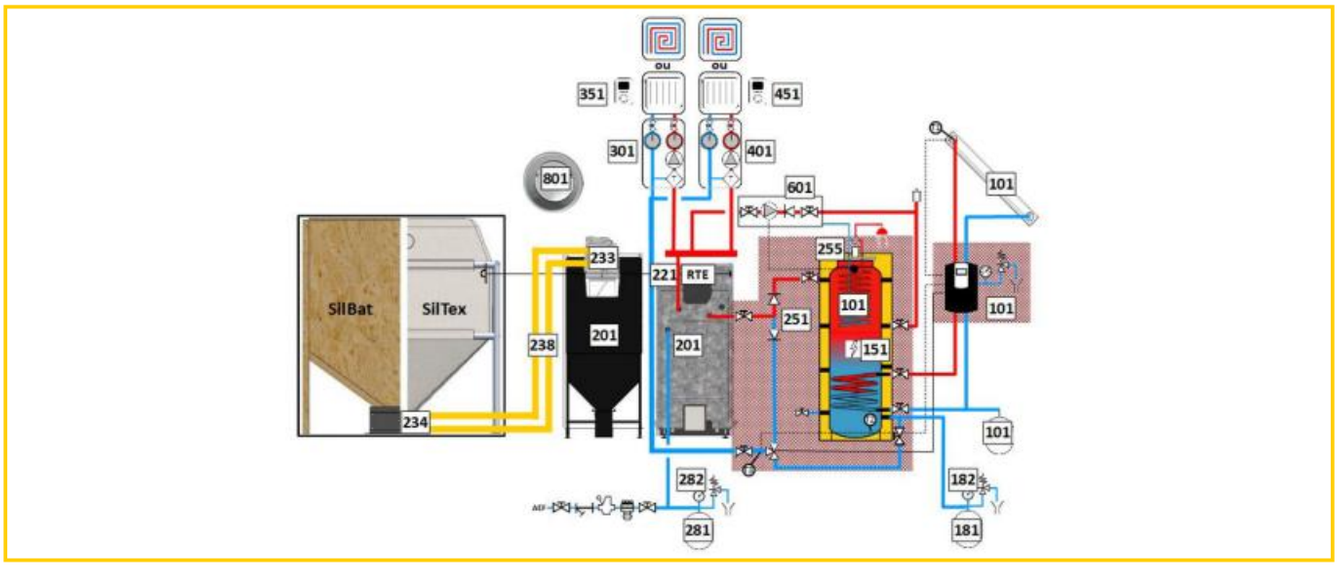
Combisolar + Optipellet with screw conveying silo - SSL05



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	**900 404**	**22**
201	**Boiler model choice based on power output**			
>	OptiPellet 12 C-D SS 12kW	29	**902 840**	**7 390**
>	OptiPellet 17 C-D SS 17kW		**902 841**	**7 590**
>	OptiPellet 23 C-D SS 23kW		**902 842**	**8 090**
>	OptiPellet 33 C-D SS 33kW		**902 843**	**8 390**
>	OptiPellet 45 C-D SS 45kW		**902 844**	**9 390**
211	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat + VTC10	32	**902 680**	**2 600**
>	SilBat + VTC15		**902 681**	**2 790**
>	SilBat + VTC20		**902 682**	**2 890**
>	SilBat + VTC25		**902 683**	**3 080**
>	SilBat + VTC30		**902 684**	**3 170**
>	SilTex 200x200 + VTA	34	**902 690**	**4 730**
>	SilTex 200x250 + VTA		**902 775**	**4 900**
>	SilTex 250x250 + VTA		**902 691**	**5 270**
>	SilTex 250x300 + VTA		**902 776**	**5 150**
>	SilTex 300x300 + VTA		**902 692**	**5 950**

N°	Designation	Page	Ref	€ Excl. tax
221	**Choice of climate control (required if underfloor heating)**			
>	RTE3	29	**900 132**	**390**
251	**Accessories for connecting a pellet boiler**			
>	SBF	72	**900 412**	**486**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**107**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**DHW Tank**			
>	DHW Tank	73	**902 658**	**340**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

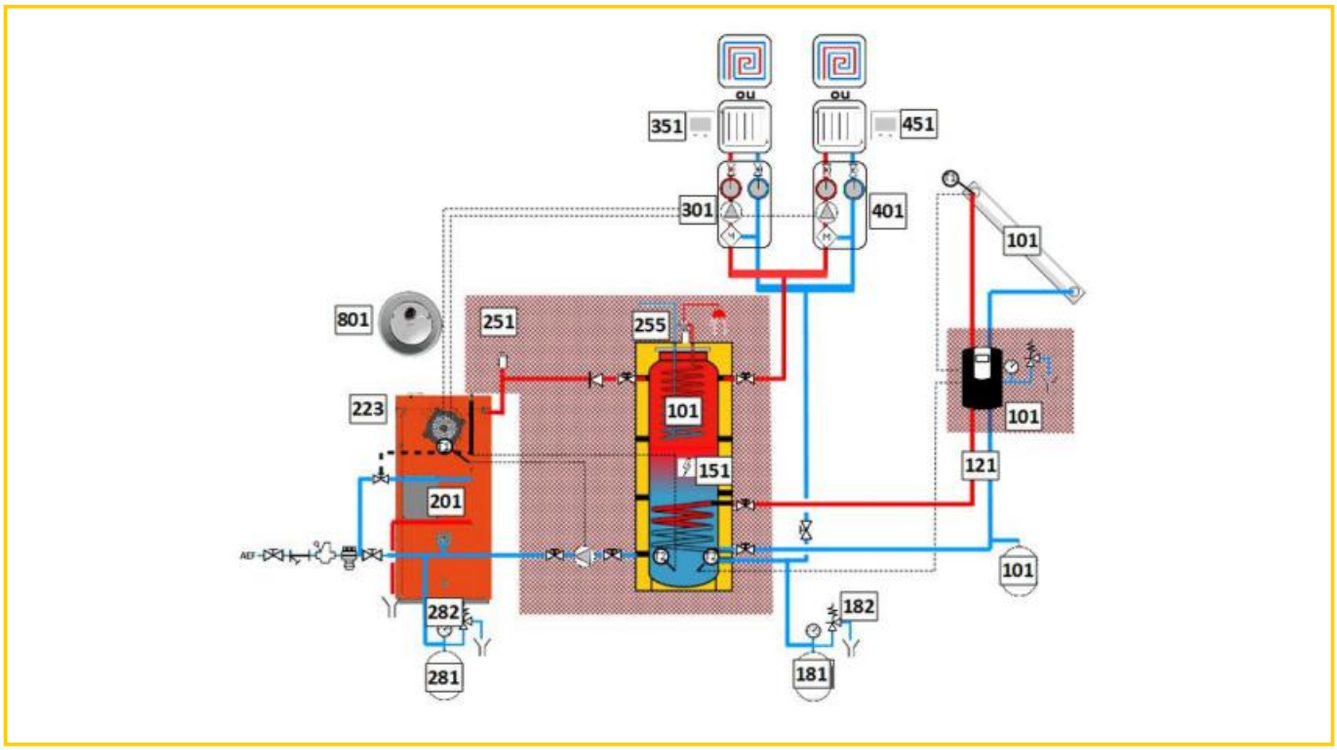
Combisolar + Optipellet with vacuum conveying silo - SSL06



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>			**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	**900 404**	**22**
201	**Boiler model choice based on power output**			
>	OptiPellet 12 C-D SS 12kW + MiniSilo	29	**902 890**	**8 360**
>	OptiPellet 17 C-D SS 17kW + MiniSilo		**902 891**	**8 560**
>	OptiPellet 23 C-D SS 23kW + MiniSilo		**902 892**	**9 060**
>	OptiPellet 33 C-D SS 33kW + MiniSilo		**902 893**	**9 550**
>	OptiPellet 45 C-D SS 45kW + MiniSilo		**902 894**	**10 550**
211	**Silo type choice (Silo to build or Textile silo)**			
>	SilBat 10 Aspi	32	**902 700**	**1 960**
>	SilBat 15 Aspi		**902 701**	**2 120**
>	SilBat 20 Aspi		**902 702**	**2 200**
>	SilBat 25 Aspi		**902 703**	**2 420**
>	SilBat 30 Aspi		**902 704**	**2 490**
>	SilTex 200x200	34	**902 676**	**3 030**
>	SilTex 200x250		**902 770**	**3 200**
>	SilTex 250x250		**902 677**	**3 570**
>	SilTex 250x300		**902 771**	**3 450**
>	SilTex 300x300		**902 678**	**4 250**
233	**Choice of central vacuum unit (monobloc or Bi-bloc). Note: For SilTex, don't forget the required add-on.**			
>	Monoblock central vacuum unit	32	**902 821**	**1 020**
>	Bi-bloc central vacuum unit		**902 827**	**1 540**
234	**Required add-on if SilTex silo**			
>	Required add-on SilTex	34	**902 823**	**395**
>	Required add-on SilTex		**902 824**	**677**

N°	Designation	Page	Ref	€ Excl. tax
238	**Vacuum pipework**			
>	Vacuum pipework 20 m length	34	**902 698**	**430**
241	**Choice of climate control (required if underfloor heating)**			
>	RTE3	29	**900 132**	**390**
251	**Accessories for connecting a pellet boiler**			
>	SBF	72	**900 412**	**486**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**107**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**DHW Tank**			
>	DHW Tank	73	**902 658**	**340**
801	**Draught moderator**			
>	MT100 diameter 100 mm	76	**900 465**	**151**
>	MT150 diameter 150 mm		**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

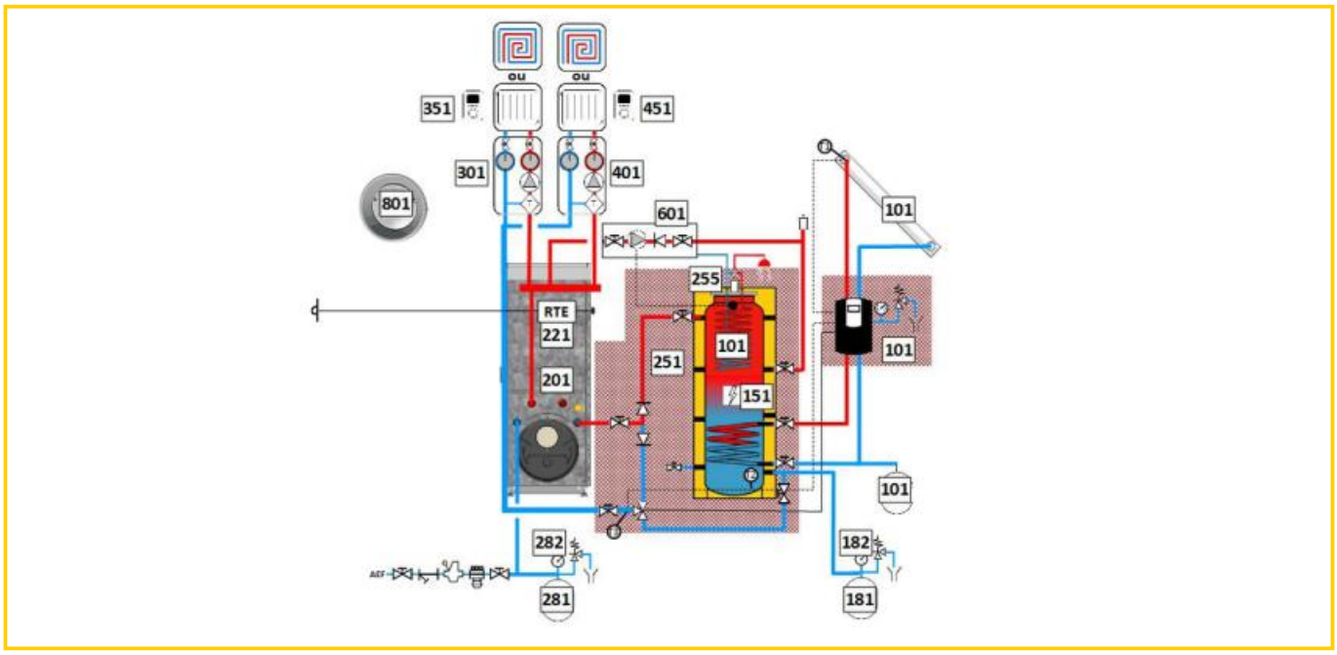
Combisolar + GFI - SSG01



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	**900 404**	**22**
201	**Boiler body choice based on power output**			
>	GFI 15	38	**902 060**	**7 800**
>	GFI 20		**902 061**	**8 040**
>	GFI 25		**902 062**	**8 400**
>	GFI 30		**902 063**	**9 130**
>	GFI 40		**902 064**	**9 850**
223	**Thermal safety valve**			
>	Thermal safety valve	75	**900 285**	**141**
251	**Accessories for connecting the GFI boiler to the buffer tank**			
>	GFIB	40	**900 488**	**441**

N°	Designation	Page	Ref	€ Excl. tax
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**107**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
351	**Heating circuit n°1 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
401	**Heating circuit n°2 - MHR module**			
>	MHR	74	**900 422**	**632**
>	MHR-FM		**900 496**	**733**
411	**Choice of surface-mounted sensor required**			
>	SAP-GFI	40	**992 330**	**29**
451	**Heating circuit n°2 - Radio room thermostat**			
>	TA GFI - R Radio	40	**900 492**	**214**
801	**Draught moderator**			
>	MT150 diameter 150mm	76	**900 466**	**161**
>	MT180 diameter 180mm		**900 467**	**185**

Combisolar + Optitherm - SST06



N°	Designation	Page	Ref	€ Excl. tax
101	**CombiSolar model choice**			
	Parallel to roof heating only			
>	CombiSolar 1000 C-T	66	**904 011**	**7 372**
>	CombiSolar 1500 C-T		**904 015**	**8 644**
	On heating-only frame			
>	CombiSolar 1000 C-S	66	**904 012**	**7 372**
>	CombiSolar 1500 C-S		**904 016**	**8 644**
	Parallel to roof heating and DHW			
>	CombiSolar 1000 B-T	66	**904 021**	**10 388**
>	CombiSolar 1500 B-T		**904 025**	**11 636**
	On heating frame and DHW			
>	CombiSolar 1000 B-S	66	**904 022**	**10 388**
>	CombiSolar 1500 B-S		**904 026**	**11 636**
121	**Solar link choice**			
>	25 m stainless steel link DN20	66	**900 660**	**734**
151	**Immersion heater choice based on output**			
>	TR30	73	**900 301**	**405**
>	TR45		**900 446**	**413**
>	TR60		**900 447**	**747**
181	**Choice of vessel according to capacity**			
>	50-litre vessel	75	**900 367**	**125**
>	80-litre vessel		**900 625**	**212**
>	100-litre vessel		**900 368**	**239**
>	200-litre vessel		**900 369**	**416**
182	**Required pressure valve with manometer on the system**			
>	Pressure valve with manometer	75	**900 404**	**22**
251	**Choice of back-up boiler model based on power output and DHW production**			
	Biofuel Chimney			
>	Optitherm 24 C-F30	60	**916 010**	**3 390**
>	Optitherm 32 C-F30		**916 011**	**3 850**
>	Optitherm 24 B90-F30		**916 012**	**4 840**
>	Optitherm 24 B150-F30		**916 013**	**5 190**
>	Optitherm 32 B150-F30		**916 014**	**5 650**
	Biofuel Room sealed			
>	Optitherm 24 C-F30V	60	**916 110**	**3 890**
>	Optitherm 32 C-F30V		**916 111**	**4 350**
>	Optitherm 24 B90-F30V		**916 112**	**5 340**
>	Optitherm 24 B150-F30V		**916 113**	**5 690**
>	Optitherm 32 B150-F30V		**916 114**	**6 150**

N°	Designation	Page	Ref	€ Excl. tax
221	**Choice of climate control (required if underfloor heating)**			
>	RTE3	29	**900 132**	**390**
251	**Accessories for connecting pellet boilers**			
>	SBF	72	**900 412**	**486**
255	**Sanitary thermostatic mixer**			
>	Thermostatic mixer 1/2 F 30-70 DEG	71	**990 713**	**109**
281	**Choice of vessel according to capacity**			
>	18-litre vessel	75	**900 370**	**53**
>	24-litre vessel		**900 365**	**63**
>	35-litre vessel		**900 366**	**105**
>	50-litre vessel		**900 367**	**125**
282	**Choice of safety system**			
>	Pressure valve with manometer	75	**900 404**	**22**
>	PSRV Stem		**900 564**	**94**
301	**Heating circuit n°1**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
351	**Heating circuit n°1 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
401	**Heating circuit n°2**			
>	MHT 45/70	74	**900 423**	**605**
>	MHT 45/70-FM		**900 497**	**707**
>	MHT 20/45		**900 476**	**605**
>	MHT 20/45-FM		**900 612**	**707**
>	MHE		**900 611**	**952**
>	MHE-FM		**900 617**	**1 038**
451	**Heating circuit n°2 - Wired or radio room thermostat**			
>	TH4-Wired	76	**900 470**	**61**
>	TH4 CL4 Wired		**900 410**	**103**
>	TH4-Radio		**900 471**	**164**
>	TH4 CL4 Radio		**900 411**	**240**
601	**DHW Tank**			
>	DHW Tank	73	**902 658**	**340**

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